



REQUEST FOR QUOTATION (RFQ)

RFQ Reference: **144_148_203_530-2021-UNDP-UKR-RFQ-RPP**

Date: 22 June 2021

SECTION 1: REQUEST FOR QUOTATION

UNDP kindly requests your quotation for the **provision of computer equipment: Lot 1 , Lot 2, Lot 3 and Lot 4**, as detailed in Annex 1 of this RFQ.

This Request for Quotation comprises the following documents:

Section 1: This request letter

Section 2: RFQ Instructions and Data

Annex 1: Schedule of Requirements

Annex 2: Quotation Submission Form

Annex 3: Technical and Financial Offer

When preparing your quotation, please be guided by the RFQ Instructions and Data. Please note that quotations must be submitted using Annex 2: Quotation Submission Form and Annex 3: Technical and Financial Offer, by the method and by the date and time indicated in Section 2. It is your responsibility to ensure that your quotation is submitted on or before the deadline. Quotations received after the submission deadline, for whatever reason, will not be considered for evaluation.

Thank you and we look forward to receiving your quotations.

Issued by:

Signature:  _____

Name: **Ms. Agnes Kochan**

Title: **UNDP Operations Manager in Ukraine**

Date: 22 June 2021

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SECTION 2: RFQ INSTRUCTIONS AND DATA

Introduction	<p>Bidders shall adhere to all the requirements of this RFQ, including any amendments made in writing by UNDP. This RFQ is conducted in accordance with the UNDP Programme and Operations Policies and Procedures (POPP) on Contracts and Procurement</p> <p>Any Bid submitted will be regarded as an offer by the Bidder and does not constitute or imply the acceptance of the Bid by UNDP. UNDP is under no obligation to award a contract to any Bidder as a result of this RFQ.</p> <p>UNDP reserves the right to cancel the procurement process at any stage without any liability of any kind for UNDP, upon notice to the bidders or publication of cancellation notice on UNDP website.</p> <p>NB. If after deadline the number of bids is not enough to proceed with evaluation process, the decision about deadline prolongation can be made. For security point of view It is recommended to create 2 archive files (*.zip format only!): one should include technical proposal, another one should include financial proposal and be encrypted with password. Both files should be attached to the email letter. Herewith, absence of archives protected <u>does not lead</u> to rejection of bids.</p> <p>During evaluation process companies will be officially asked by UNDP procurement unit via email to provide password to archive with financial proposal. Please do not include the password either to email letter or technical proposal and disclose before official request.</p>
Deadline for the Submission of Quotation	<p>23:59 (Kyiv time), July 6, 2021</p> <p>If any doubt exists as to the time zone in which the quotation should be submitted, refer to http://www.timeanddate.com/worldclock/.</p> <p>For eTendering submission - as indicated in eTendering system. Note that system time zone is in EST/EDT (New York) time zone.</p>
Method of Submission	<p>Quotations must be submitted as follows:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> E-tendering <input type="checkbox"/> Dedicated Email Address <input type="checkbox"/> Courier / Hand delivery <input type="checkbox"/> Other Click or tap here to enter text. <p>Bid submission address: https://etendering.partneragencies.org</p> <ul style="list-style-type: none"> ▪ File Format: .PDF ▪ File names must be maximum 60 characters long and must not contain any letter or special character other than from Latin alphabet/keyboard. ▪ All files must be free of viruses and not corrupted. ▪ Max. File Size per transmission: 20 MB
Cost of preparation of quotation	<p>UNDP shall not be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.</p>
Supplier Code of Conduct, Fraud, Corruption,	<p>All prospective suppliers must read the United Nations Supplier Code of Conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN. The Code of Conduct, which includes principles on labour, human rights, environment and ethical conduct may be found at: https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct</p>

	<p>Moreover, UNDP strictly enforces a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical or unprofessional practices, and obstruction of UNDP vendors and requires all bidders/vendors to observe the highest standard of ethics during the procurement process and contract implementation. UNDP's Anti-Fraud Policy can be found http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_andinvestigation.html#anti at</p>
Gifts and Hospitality	<p>Bidders/vendors shall not offer gifts or hospitality of any kind to UNDP staff members including recreational trips to sporting or cultural events, theme parks or offers of holidays, transportation, or invitations to extravagant lunches, dinners or similar. In pursuance of this policy, UNDP: (a) Shall reject a bid if it determines that the selected bidder has engaged in any corrupt or fraudulent practices in competing for the contract in question; (b) Shall declare a vendor ineligible, either indefinitely or for a stated period, to be awarded a contract if at any time it determines that the vendor has engaged in any corrupt or fraudulent practices in competing for, or in executing a UNDP contract.</p>
Conflict of Interest	<p>UNDP requires every prospective Supplier to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ. Bidders shall strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. Bidders found to have a conflict of interest shall be disqualified.</p> <p>Bidders must disclose in their Bid their knowledge of the following: a) If the owners, part-owners, officers, directors, controlling shareholders, of the bidding entity or key personnel who are family members of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving goods and/or services under this RFQ.</p> <p>The eligibility of Bidders that are wholly or partly owned by the Government shall be subject to UNDP's further evaluation and review of various factors such as being registered, operated and managed as an independent business entity, the extent of Government ownership/share, receipt of subsidies, mandate and access to information in relation to this RFQ, among others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.</p>
General Conditions of Contract	<p>Any Purchase Order or contract that will be issued as a result of this RFQ shall be subject to the General Conditions of Contract</p> <p>Select the applicable GTC:</p> <p><input checked="" type="checkbox"/> General Terms and Conditions / Special Conditions for Contract.</p> <p><input type="checkbox"/> General Terms and Conditions for de minimis contracts (services only, less than \$50,000)</p> <p><input type="checkbox"/> General Terms and Conditions for Works</p> <p>Applicable Terms and Conditions and other provisions are available at UNDP/How-we-buy</p>
Special Conditions of Contract	<p><input checked="" type="checkbox"/> Cancellation of PO/Contract if the delivery/completion is delayed by 30 days.</p> <p><input checked="" type="checkbox"/> Others: Liquidated damages: up to 0.1% of total contract amount per each day of delay may be applied on discretion of UNDP.</p>
Eligibility	<p>A vendor who will be engaged by UNDP may not be suspended, debarred, or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization. Vendors are therefore required to disclose to UNDP whether they are subject to any sanction or temporary suspension imposed by these organizations. Failure to do so may result in termination of any contract or PO subsequently issued to the vendor by UNDP.</p>

	<p>It is the Bidder's responsibility to ensure that its employees, joint venture members, sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by UNDP.</p> <p>Bidders must have the legal capacity to enter a binding contract with UNDP and to deliver in the country, or through an authorized representative.</p>
Currency of Quotation	<p>Quotations shall be quoted in:</p> <p><input checked="" type="checkbox"/> United States Dollars (USD) – recommended for local contractors to reduce or mitigate the risk of a country's currency devaluation. Contract payments of due amounts expressed in the USD equivalent will be made in the local currency based on the UN Operational Exchange Rate effective at the date of payment. For details please refer to http://treasury.un.org</p> <p><input checked="" type="checkbox"/> Local Currency: UAH</p>
Joint Venture, Consortium or Association	<p>If the Bidder is a group of legal entities that will form or have formed a Joint Venture (JV), Consortium or Association for the Bid, they shall confirm in their Bid that : (i) they have designated one party to act as a lead entity, duly vested with authority to legally bind the members of the JV, Consortium or Association jointly and severally, which shall be evidenced by a duly notarized Agreement among the legal entities, and submitted with the Bid; and (ii) if they are awarded the contract, the contract shall be entered into, by and between UNDP and the designated lead entity, who shall be acting for and on behalf of all the member entities comprising the joint venture, Consortium or Association.</p> <p>Refer to Clauses 19 – 24 under Solicitation policy for details on the applicable provisions on Joint Ventures, Consortium or Association.</p>
Only one Bid	<p>The Bidder (including the Lead Entity on behalf of the individual members of any Joint Venture, Consortium or Association) shall submit only one Bid, either in its own name or, if a joint venture, Consortium or Association, as the lead entity of such Joint Venture, Consortium or Association.</p> <p>Bids submitted by two (2) or more Bidders shall all be rejected if they are found to have any of the following:</p> <p>a) they have at least one controlling partner, director or shareholder in common; or b) any one of them receive or have received any direct or indirect subsidy from the other/s; or</p> <p>b) they have the same legal representative for purposes of this RFQ; or</p> <p>c) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about, or influence on the Bid of, another Bidder regarding this RFQ process;</p> <p>d) they are subcontractors to each other's Bid, or a subcontractor to one Bid also submits another Bid under its name as lead Bidder; or</p> <p>e) some key personnel proposed to be in the team of one Bidder participates in more than one Bid received for this RFQ process. This condition relating to the personnel, does not apply to subcontractors being included in more than one Bid.</p>
Duties and taxes	<p>Article II, Section 7, of the Convention on the Privileges and Immunities provides, inter alia, that the United Nations, including UNDP as a subsidiary organ of the General Assembly of the United Nations, is exempt from all direct taxes, except charges for public utility services, and is exempt from customs restrictions, duties, and charges of a similar nature in respect of articles imported or exported for its official use. All quotations shall be submitted net of any direct taxes and any other taxes and duties, unless otherwise specified below:</p> <p>All prices must:</p> <p><input type="checkbox"/> be inclusive of VAT and other applicable indirect taxes</p> <p><input checked="" type="checkbox"/> be exclusive of VAT and other applicable indirect taxes</p> <p>[according to Project Card Registration № 4019-04]</p>
Language of quotation	<p>English, or Ukrainian, or Russian</p> <p>All the documentation including catalogues, instructions and operating manuals should be in Russian or Ukrainian (additionally in English if available)</p>

Documents to be submitted	<p>Bidders shall include the following documents in their quotation:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Annex 2: Quotation Submission Form duly completed and signed <input checked="" type="checkbox"/> Annex 3: Technical and Financial Offer duly completed and signed and in accordance with the Schedule of Requirements in Annex 1. <input checked="" type="checkbox"/> Copy of Latest Business Registration Certificate. <input checked="" type="checkbox"/> Extract from the Register of VAT payers or single tax payers (not mandatory on submission stage but will be required if Offeror is selected for contract award). <input checked="" type="checkbox"/> Company Profile, indicating at least three (3) years of experience in the field of supply of similar products. <input checked="" type="checkbox"/> At least two (2) recommendation/reference letters from previous customers / clients on similar projects for delivery and assembling of furniture.
Quotation validity period	Quotations shall remain valid for 60 days from the deadline for the Submission of Quotation.
Price variation	No price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted at any time during the validity of the quotation after the quotation has been received.
Partial Quotes	<input type="checkbox"/> Not permitted <input checked="" type="checkbox"/> Permitted: The offers may be submitted to different Lots.
Alternative Quotes	<input checked="" type="checkbox"/> Not permitted <input type="checkbox"/> Permitted If permitted, an alternative quote may be submitted only if a conforming quote to the RFQ requirements is submitted. Where the conditions for its acceptance are met, or justifications are clearly established, UNDP reserves the right to award a contract based on an alternative quote. If multiple/alternative quotes are being submitted, they must be clearly marked as "Main Quote" and "Alternative Quote"
Payment Terms	<input checked="" type="checkbox"/> 100% of the total contract amount will be paid by UNDP within 30 (thirty) calendar days from the date of the furniture acceptance by the UNDP at the addresses according to Annex 1 and submission of originals of invoice, act of acceptance and tax invoice (if applicable). <input type="checkbox"/> Other Click or tap here to enter text.
Conditions for Release of Payment	<input type="checkbox"/> Passing Inspection [specify method, if possible] <input type="checkbox"/> Complete Installation <input type="checkbox"/> Passing all Testing [specify standard, if possible] <input type="checkbox"/> Completion of Training on Operation and Maintenance [specify no. of trainees, and location of training, if possible] <input checked="" type="checkbox"/> Written Acceptance of Goods, Services and Works, based on full compliance with RFQ requirements <input type="checkbox"/> Others [pls. specify]
Contact Person for correspondence, notifications and clarifications	<p>E-mail address: Procurement Unit, UNDP Ukraine, procurement.rpp.ua@undp.org</p> <p>Attention: Quotations shall not be submitted to this address but to the address for quotation submission above. Otherwise, offer shall be disqualified.</p> <p>Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.</p>
Clarifications	Requests for clarification from bidders will not be accepted any later than 3 (three) days before the submission deadline. Responses to request for clarification will be communicated via email procurement.rpp.ua@undp.org by Procurement Unit, UNDP Ukraine.
Evaluation method	<input checked="" type="checkbox"/> The Contract or Purchase Order will be awarded to the lowest price substantially compliant offer

	<input type="checkbox"/> Other Click or tap here to enter text.
Evaluation criteria	<p><u>Administrative Requirements:</u></p> <p><input checked="" type="checkbox"/> Offers must be submitted within the stipulated deadline.</p> <p><input checked="" type="checkbox"/> Offers must meet required Offer Validity.</p> <p><input checked="" type="checkbox"/> Offers have been signed by the proper authority.</p> <p><input checked="" type="checkbox"/> Offers include requested company/organization documentation as mentioned above in “Documents to be submitted” section.</p> <p><input checked="" type="checkbox"/> Officially registered company (for Ukrainian companies – company should be registered in the territory controlled by the government of Ukraine).</p> <p><input checked="" type="checkbox"/> Full acceptance of the Contract General Terms and Conditions.</p> <p><u>Technical Requirements:</u></p> <p><input checked="" type="checkbox"/> At least three (3) years of experience in the field of supply of similar products.</p> <p><input checked="" type="checkbox"/> Technical responsiveness to the stipulated specification requirements.</p> <p><input checked="" type="checkbox"/> At least 2 (two) positive references from previous clients.</p> <p><input checked="" type="checkbox"/> Warranty period must be at least for twelve (12) months. All necessary technical documentation (passports, assembly diagrams, etc.) must be provided by the supplier on the day of delivery.</p> <p><input checked="" type="checkbox"/> Delivery of the equipment must be done within 60 calendar days from the date of signing the contract.</p>
Right not to accept any quotation	UNDP is not bound to accept any quotation, nor award a contract or Purchase Order
Right to vary requirement at time of award	At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty-five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.
Type of Contract to be awarded	<p><input type="checkbox"/> Purchase Order</p> <p><input checked="" type="checkbox"/> Contract Face Sheet (Goods and-or Services) (this template is also utilised for Long-Term Agreement) and if an LTA is signed, specify the document that will trigger the call-off. E.g., PO, etc.)</p> <p><input type="checkbox"/> Contract for Works</p> <p><input type="checkbox"/> Other Type/s of Contract [pls. specify]</p>
Expected date for contract award	01 August 2021
Publication of Contract Award	UNDP will publish the contract awards valued at USD 100,000 and more on the websites of the CO and the corporate UNDP Web site.
Policies and procedures	This RFQ is conducted in accordance with UNDP Programme and Operations Policies and Procedures
UNGM registration	<p>Any Contract resulting from this RFQ exercise will be subject to the supplier being registered at the appropriate level on the United Nations Global Marketplace (UNGM) website at www.ungm.org.</p> <p>The Bidder may still submit a quotation even if not registered with the UNGM, however, if the Bidder is selected for Contract award, the Bidder must register on the UNGM prior to contract signature.</p>

ANNEX 1: SCHEDULE OF REQUIREMENTS

LOT 1 - Specification

For computer equipment required for the ASC of the Stanytsia Luhanska Town Council (CMATC) of Luhansk Oblast

1. Background:

The ongoing conflict in eastern Ukraine has had a direct and highly negative impact on social cohesion, resilience, livelihoods, community security, and the rule of law. Recognizing the need to urgently address reconstruction, economic recovery and peacebuilding needs in areas affected both directly and indirectly by the conflict, in late 2014 the government of Ukraine requested technical assistance and financial support from the international community to assess priority recovery needs. In late 2014, the United Nations, the World Bank and the European Union conducted a Recovery and Peacebuilding Assessment, which was endorsed by the Cabinet of Ministers in mid-2015.

UNDP has been active and present in eastern Ukraine for the past decade, prior to the conflict, with a focus on community development, civil society development, and environmental protection. Work on addressing the specific conflict-related development challenges discussed above built on this earlier engagement and established partnerships and started in 2015 through the **United Nations Recovery and Peacebuilding Programme or UNRPP**. The UNRPP is a multi-donor funded framework programme formulated and led by the United Nations Development Programme (UNDP) in collaboration with the government of Ukraine and in cooperation with partnering UN agencies (UN Women, FAO, and UNFPA).

The UNRPP was designed to respond to and mitigate the causes and effects of the conflict. It is based on findings of the Recovery and Peacebuilding Assessment (RPA) and is aligned to the State Target Programme for Recovery, as well as to the two oblast development strategies up to 2020. The RPP involves three pillars for action: 1) restoration of infrastructure and economic recovery; 2) support to local governance and related capacity building; and 3) social resilience and peacebuilding. It is an integral component of the UNDP Country Programme and is therefore fully aligned with the United Nations Partnership Framework (UNPF). It is closely interlinked with the Democratic Governance and Reform Programme, operating nationally and in all of Ukraine's regions, and is consistent with the SDGs, in particular SDG 16 (Peace, Justice and Strong institutions).

As an area-based programme specifically developed for the conflict-affected areas of eastern Ukraine, the RPP addresses the key stabilization, peacebuilding, economic and governance priority needs in eastern Ukraine following the start of the conflict. It takes into account the opportunities that have arisen from the Minsk Protocol of September 2014 and the renewal of its cease-fire provisions (the latest cease-fire having been agreed in March 2018) and is also fully adjusted to the humanitarian-development nexus.

The Programme's interventions are grouped under the following key Programme components, which reflect the region's priority needs:

Component 1: Economic Recovery and Restoration of Critical Infrastructure

Component 2: Local Governance and Decentralization Reform

Component 3: Community Security and Social Cohesion (CSSC).

The Program is supported by twelve international partners: the European Union (EU), the European Investment Bank (EIB), the USA Embassy in Ukraine, as well as the governments of Denmark, Canada, the Netherlands, Germany, Norway, Poland, Switzerland, Sweden and Japan.

In October 2018, four UN agencies (UNDP, UN Women, FAO and the UNFPA) countersigned a new joint project document, funded by the EU. The overall objective of the project is to restore effective governance and promote reconciliation in the crisis-affected communities of Donetsk and Luhansk regions of Ukraine, thereby enhancing the credibility and legitimacy of local governments in the government-controlled areas (GCAs) of the regions. It will contribute to peace build and prevent the further escalation of conflict in Ukraine through effective and accountable decentralization, gender-responsive recovery planning, and equal access to services, as well as enhanced community security and social cohesion.

This endeavor will be achieved through the pursuit of the following specific objectives:

1. To enhance local capacity for gender-responsive decentralization and administrative reforms to improve governance, local development and the delivery of services.
2. To stimulate employment and economic growth by providing assistance for Micro, Small and Medium Enterprise (MSME) development through demand-driven business development services and professional skills training.
3. To enhance social cohesion and reconciliation through promotion of civic initiatives.
4. To support sector reforms and structural adjustments in health, education and critical public infrastructure to mitigate direct impacts of the conflict and enhance the capacity of governmental authorities for national coordination of actions to cope with emergencies arising from the conflict zone.
5. To support the implementation of the European Investment Bank’s Early Recovery Programme.

The primary objective of the first task is to build capacity at the local level for reforms to decentralize power and administrative services, taking into account gender factors, to improve governance, local development and service delivery.

Currently, the residents of Luhansk Oblast, living near the contact line, as well as residents of the non-government controlled areas of Ukraine, have problems with receiving quality administrative services due to the lack of a network of Administrative Service Centers (ASCs).

In order to complete the ASC of the Stanytsia Luhanska Town Council of Luhansk Oblast, it is necessary to purchase the equipment, install it in the premises provided by the local authority and thus create conditions for rendering quality administrative services to the community residents.

2. Scope of work

- 2.1 Supply of computers and other office equipment for the creation of the ASC of Stanytsia Luhanska in accordance with the technical characteristics contained in **Table 1**.
- 2.2 Delivery and unloading of the computer equipment to the address: 52, Tsentralna str., Stanytsia Luhanska, Luhansk Oblast, Ukraine, 93632.

3. Specifications

- 3.1 Requirements to the equipment set:

Table 1

#	Equipment	Characteristics (specified below or higher)	Number of pieces (pcs)
1	Monoblock HP 200 G4 22" (2B429EA) or equivalent + additionally Windows 10 Pro 64-bit OEM Accessories: mouse, keyboard	Type: Monoblock Chipset: SoC Processor type: Intel Core i3-10110U Frequency, GHz:2.1 Number of cores: 2 Amount of RAM, GB: 8 Standard: DDR4-2666 Hard drive SSD capacity, GB:256 Interface: Graphics chipset: integrated Intel UHD Graphics Built-in optical drive: DVD-RW Sound controller: integrated (Realtek ALC3247) External ports: 2xUSB 2.0, 2xUSB 3.1, HDMI, combined headphone and microphone jack Card reader: SD Wi-Fi 802.11ac, Bluetooth 4.2 Diagonal: 21.5 Resolution: 1920x1080 Matrix type: IPS Additionally: built-in microphone and speakers, 5 MP webcam	15
2	Lenovo V530-22ICB AIO 21.5" or equivalent, + additionally Windows 10 Pro 64-bit OEM Accessories: mouse, keyboard	Type: AIO Diagonal: 21.5 " Resolution:1920x1080 Screen: antiglare CPU: Intel Core i5-9400T RAM capacity: 8 GB Memory type: DDR4 Storage Drive type: SSD SSD capacity: 256GB Graphics adapter series: Intel UHD Graphics 630 Built-in microphone Built-in Webcam Data Transfer:	11

		3 in 1 Card reader Connectors: LAN /10/100/1000 GigabitEthernet Wi-Fi /ac Connectors: USB 2.0 3 USB 3.0 3 HDMI 2	
3	Laptop HP 15s-fq1083ur Silver (22R35EA) or equivalent, + additionally Windows 10 Pro 64-bit OEM	Screen: 15,6" Resolution: 1920 x 1080 Display type: IPS Display surface: mat Keyboard language: English, Russian CPU: Intel Core i3-1005G1 Number of cores: 2 CPU speed: 1.2-3.4 GHz RAM DDR4 2666 MHz8 GB SSD 512 GB Intel UHD Graphics : dynamic Interfaces: USB 3.0 2 x Type-A USB 3.1 1 x Type-C HDMI 1 pc Headphone jack: 3.5mm Cardslot: SD/SDHC/SDXC Built-in webcam Built-in microphone Bluetooth Wi-Fi 802.11ac	1
4	extension cord with overload protection (5 outlets/4.5 m)	Number of outlets: 5 Max. load current: 10 A Surge protection Max. peak current: 4500 A Max. surge voltage: 4500 V Circuit breaker: 10A Max. absorbing energy (for 2 µs voltage surge): 125 J Cable length:4.5 m (copper)	28
5	Uninterruptible power supply unit(UPS): Eaton 5E 650VA USB DIN or equivalent	Characteristics: linear interactive Battery switch-on time: 2 ms Input voltage range: 170-280 V Input frequency: 50-60 Hz Output voltage: 230 V Max. output power: 650 VA Effective output: 360 W Outlets + 3 pcs: CEE 7/IEC-320-C13 Short circuit protection	26

		Overload protection Filtering Data line protection High voltage impulse protection USB control interfaces	
6	Office 2019 (T5D-03369) (Software) To be installed on 15 AIOs (p. 1) and a laptop (p. 4)	Microsoft Office Home and Business 2019 Box version. (T5D-03369) Capacity: 64-bit / Office version: Office for home and business / Interface language: Ukrainian / Software suite: Word, Excel, PowerPoint, OneNote, Outlook / License: fixed / Can be installed on: 1 PC	16
7	Dell EMC R340 Server[210-R340-4LFF2246] or equivalent	Form factor: Rack Servers Chip manufacturer: Intel CPU model: E-2246G Clock speed: 3.6 GHz Number of cores: 6 Cache capacity: 12 MB RAM type: DDR4 RAM capacity: 16 GB Availability: no 3.5"(LFF) / up to 4 Hot Plug Hard Drives RAID controller: H330 Power Supply: /Dual Hot Plug	1
8	Hard drive	Type: internal Purpose: for server Capacity: 4000 GB Form factor: 3.5" Connection: Connection interfaces: SATA 3 / 6 GB/s Functions/options: RoHS Compliance Certificate Specifications: Spindle speed: 7200 rpm Buffer capacity :256 MB Power consumption during operation: 7 W Standby power consumption: 5.9 W MTBF: 2000000 hours	2
9	Windows Server 2016 Standard 64-bit 16 Core (to be installed on the server)	Type: server OS Number of bits: 64-bit License term: unlimited Storage medium: DVD Interface language: Russian License for 1 physical or virtual server	1
10	Software to connect the remote desktop to the server (WinSvrCAL 2019 SNGL OLP NL DvcCAL + WinRmtDsktpSrvcsCAL 2019 SNGL		10

	OLP NL DvcCAL)(to be installed on the server)		
11	Microsoft Office Home and Business 2019 Ukrainian Medialess (to be installed on the server)	Microsoft Office Home and Business 2019 Box version. (T5D-03369) Capacity: 64-bit / Office version: Office for home and business / Interface language: Ukrainian / Software suite: Word, Excel, PowerPoint, OneNote, Outlook / License: fixed / Can be installed on: 1 PC	1
12	Uninterruptible power supply unit(UPS):Eaton 5P 1150VA RM or equivalent	Device type: linear interactive Rack mount type Operating time at full load: 4 min Operating time at half load: 11 min Input voltage range: 150–294 V Input frequency:50–60 Hz Output voltage:230 V Max. output power: 1150 VA Effective output: 770 W Outlets + 6 pcs: IEC 320 C13, 2 groups Optional: Interface: USB RS232 Relay contacts 1 slot for an optional network/modbus/relay card 1 terminal block USB cable included IEC output cable: 2 pcs RS-232cable Cable locking systems: 6 outputs Disk with documentation and software 19” rack mount kit	1
13	Multifunction unit (MFU) Canon i-SENSYS MF443dw or analogue + 1 extra cartridge	Printing type: laser Sheet size: A4 Print color: monochrome Functionality: Max. print resolution: 1200x1200 dpi B&W printing speed: 38 ppm Black cartridge life: 3100 A4 sheets (ISO / IEC 24711) Automatic printing on both sides: yes Interface: USB 2.0 Network interfaces: Wi-Fi 802.11 n AirPrint: yes	11

14	Multifunction unit (MFU): CANON i-SENSYS MF237W + Canon 737 cartridge(2 pcs) or equivalent	Printing type: laser Print color: monochrome Max. print size: A4 Max. print resolution: 1200 × 1200 dpi B&W A4 printing speed (ISO): 23 ppm Max. scanning resolution: 600 × 600 dpi Advanced printing: Apple AirPrint, Google CloudPrint, Mopria (Android), Wi-Fi Direct Display: 6-line touchscreen, monochrome Interfaces: Fast Ethernet, USB 2.0, Wi- Fi Automatic Document Feeder (ADF): 35 sheets	9
15	MFP Canon image RUNNER 2206 – - Monochrome (B&W) A3 or equivalent	Device type: MFP MFP functions: Copier, printer, scanner Paper size: A4 Printing type: laser Interfaces Wi-Fi Scanning resolution: 600 x 600 dpi Max. print size: A3 Printing resolution: 600 x 600 dpi Color: - Monochrome (B&W) Copy/A4 print speed: up to 22 ppm	1
16	Canon i-SENSYS MF3010 + extra cartridge or equivalent	Paper size: A4 Printing type: laser Color: monochrome LCD display Built-in memory: 64 MB B&W print speed: 18 ppm Max. resolution: 600x600 6000x1200 Copy resolution: 600x600 dpi Scanner type: flatbed Scanner resolution: 600x600 dpi Color depth: 24 Wired interfaces: USB 2.0	1
17	Antivirus (installed on computer equipment)	ESET Endpoint Security software for 2 years (5 devices)	6

3.2 The supply of the equipment must be completed within 60 calendar days from the date of signing the contract, which should be reported to UNDP at least 2 weeks in advance.

3.3 The Supplier must ensure the delivery of the equipment in sufficient quantity to the following address: 52, Tsentralna str., Stanytsia Luhanska, Luhansk Oblast, Ukraine, 93632.

3.4 All equipment must be accompanied by warranty certificates. All necessary technical documentation must be provided by the Supplier on the day of delivery. The warranty period for the entire list of the equipment must be at least 12 months. All equipment must have an official warranty service in Ukraine.

3.5 The delivery must comply with UNDP equipment specifications.

3.6 The equipment must be delivered and unloaded.

4. Experience and qualification requirements (scans of documents to be provided)

- Company or individual entrepreneur with valid registration in Ukraine
- At least 3 years of experience in sales or manufacture of the similar equipment
- At least 2 (two) recommendation/reference letters from previous customers/clients on similar projects

5. Evaluation method

The contract will be awarded to an operating entity with a technically compatible proposal of the lowest price.

6. Price quotation and payment schedule

- The contract price should remain fixed for the duration of the contract.
- Bidders must include all costs related to the performance of the works in their quotation (delivery of all materials and equipment, transport costs, unloading at the delivery site, etc.)
- Payments should be made as follows:
 - 100% payment of the total contract amount will be made by UNDP within thirty (30) calendar days from the date of acceptance of the equipment by UNDP at the address specified in paragraph 3.4 and submission of the original invoice, acceptance certificate, and tax invoice (if any).

Considering that the purchase of services will be carried out within the framework of the international technical assistance project, quotations/invoices for payment should be submitted without VAT.

Bidders must submit their quotations in the following format:

No.	Product name and specification requirements	Number of units (pcs)	Price per unit, excl. VAT, currency	Total price, excl. VAT, currency
1	Monoblock PC with Windows 10 Pro 64-bit (Specify the model and characteristics)	15		
2	Monoblock PC with Windows 10 Pro 64-bit and mouse, keyboard (Specify the model and characteristics)	11		
3	Laptop with, Windows 10 Pro 64-bit (Specify the model and characteristics)	1		
4	extension cord with overload protection (5 outlets/4.5 m) (Specify the model and characteristics)	28		
5	Uninterruptible power supply unit (UPS): (Specify the model and characteristics)	26		
6	Office 2019 (Software)	16		

	To be installed on 15 AIOs (p. 1) and a laptop (p. 3)			
7	Server (<i>Specify the model and characteristics</i>)	1		
8	Hard Drive (<i>Specify the model and characteristics</i>)	2		
9	Windows Server 2016 Standard 64-bit 16 Core	1		
10	Software to connect the remote desktop to the server (WinSvrCAL 2019 SNGL OLP NL DvcCAL + WinRmtDsktpSrvcsCAL 2019 SNGL OLP NL DvcCAL)	10		
11	Microsoft Office Home and Business 2019 Ukrainian Medialess (for server)	1		
12	Uninterruptible power supply unit(UPS): (<i>Specify the model and characteristics</i>)	1		
13	Multifunctional unit(MFU) +1 extra cartridge (<i>Specify the model and characteristics</i>)	11		
14	Multifunctional unit(MFU): + cartridge (2 pcs) (<i>Specify the model and characteristics</i>)	9		
15	Multifunctional unit (<i>Specify the model and characteristics</i>)	1		
16	Multifunctional unit + extra cartridge (<i>Specify the model and characteristics</i>)	1		
17	Antivirus	6		
TOTAL, excl. VAT, currency				

LOT 2 - SPECIFICATION**for computer equipment for the Centers for Administrative Services (ASCs) of Luhansk and Donetsk oblasts****1. Background information**

The United Nations Development Programme (UNDP) has been actively working in eastern Ukraine for the past decade, prior to the conflict, focusing on community and civil society development, and environmental protection.

Since 2015, upon request from the Government of Ukraine, UNDP started its work on addressing conflict-related challenges by early engagement, establishing partnerships through the United Nations Recovery and Peacebuilding Programme (UN RPP). The UN RPP is a multi-donor funded framework programme, jointly implemented by four UN partnering agencies: UNDP, UN Women, FAO, and UNFPA in cooperation with the government of Ukraine.

The UN RPP was designed to respond to and mitigate the causes and effects of the conflict. The UN RPP is an integral component of the UNDP Country Programme. It is fully aligned with the United Nations Partnership Framework (UNPF), closely interlinked with the Democratic Governance and Reform Programme, operating national wide and in all of Ukraine's regions.

The Programme's interventions are grouped under the following key Programme components, which reflect the region's priority needs:

Component 1: Economic Recovery and Restoration of Critical Infrastructure

Component 2: Local Governance and Decentralization Reform

Component 3: Community Security and Social Cohesion.

The Programme is pooling funds employing a multi-sectoral programme-based approach and is implementing using an area-based methodology and unifying interventions framework for 12 projects funded by 12 international partners.

In October 2018, four UN agencies (UNDP, UN Women, FAO and the UNFPA) had countersigned a new joint project document, funded by the EU. The overall objective of the project is to restore effective governance and promote reconciliation in the crisis-affected communities of Donetsk and Luhansk oblasts of Ukraine, thereby enhancing the credibility and legitimacy of local governments in the government-controlled areas (GCAs) of the oblasts. It will contribute to peacebuilding and prevent further escalation of conflict in Ukraine through effective and accountable decentralization, gender-responsive recovery planning and equal access to services, as well as enhanced community security and social cohesion.

This endeavor will be achieved through the pursuit of the following specific objectives

1. To enhance local capacity for gender-responsive decentralization and administrative reforms to improve governance, local development and the delivery of services.
2. To stimulate employment and economic growth by assisting in Micro-, Small- and Medium Enterprise (MSME) development through demand-driven business development services and professional skills training.
3. To enhance social cohesion and reconciliation through the promotion of civic initiatives.
4. To support sector reforms and structural adjustments in health, education and critical public infrastructure to mitigate the direct impacts of the conflict.
5. To support the implementation of the European Investment Bank's Early Recovery Programme.

The main objective of the first task is to build capacity at the local level for gender-sensitive decentralization and administrative services reforms in order to improve governance, local development and service delivery.

Due to the need to create a level playing field for quality administrative services for residents of areas along the line of contact and remote settlements, it is planned to purchase 14 sets of computer equipment for the issuance of driver's licenses and technical passports for transport.

The target audience is residents of remote settlements, IDPs, as well as residents of the territory temporarily not controlled by the Government of Ukraine.

2. Scope of work

- Supply by the Contractor of computer equipment for installation in the Centers for the provision of administrative services of Luhansk and Donetsk oblasts in accordance with the technical documentation contained in **Table 1**.
- Delivery, installation and configuration of computer equipment to the address:

Nº	Oblasts	Delivery address	Number of sets (pieces)
1	Luhansk	92800 Bilovodsk, Tsentralna str., 105	1
2	Luhansk	92100, 46, Tsentralna str., Troitsk	1
3	Donetsk	84522 8, Tsentralna str., Siversk	1
4	Donetsk	85200, 24a, Mayakovskogo str., Toretsk	1
5	Luhansk	Shchastia Module Center CP EE	1
6	Donetsk	84545 Soledar, Parkova str, 3-A;	1
7	Luhansk	92603 Svatove, square 50-rokiv Peremogy, 36;	1
8	Luhansk	9300 Rubizhne , Volodymyrivska str,28;	1
9	Donetsk	85670 Vuhledar, 30-rokiv Peremogy str, 16;	1
10	Donetsk	86063 Avdiivka, Molodizhna str, 5;	1
11	Donetsk	84122 Sloviansk, Soborna square, 2;	1
12	Donetsk	85321 Murnograd, Tsentralna str, 9;	1
13	Luhansk	93600 Stanytsia Luhanska, Tsentralna str, 52	1
14	Luhansk	92200 Bilokurakyn Shevchenka str., 4	1

3. Specifications

3.1 Requirements for the Equipment Kit

Table 1.

	Name	Characteristics	Quantity in 1 set	Total within the purchase
1	AC power supply ACK-E10 for Canon EOS 1100D 1200D 1300D 2000D 4000D or analog	input current: from 100 to 240 V of alternating current, 50/60 Hz; output current: 7.4 V, 2 A; cable from the adapter to the plug length: 1.45 m; cable from the camera to the adapter length: 1.15 m; connection to the tip: round plug, diameter - 0.3 cm; camera connection: Canon LP-E10 battery-shaped tip;	1	14

2	Flash holder Falcon LH-27SU (003) or analog	Holder for the Falcon cartridge flash under the E27 cartridge, with mounting on the studio rack. The mechanism of rotation in the vertical and horizontal planes. Built-in mount for photo umbrellas. The holder is equipped with a power button on the rear wall to turn on / off the flash or lamp.	1	14
3	Fastening to a rack of Falcon CL-C35) or analog	Universal clip-clothespin Falcon CL-C35 is used for fastening or holding accessories.	1	14
4	Rack for studios	Maximum height: 2000mm Minimum height: 810mm Folding height: 805mm Maximum load: 2.5 kg	1	14
5	Flash light to Glodox Sy8000 camera or analog	Bayonet Universal (SS) Power (J) 68 Cartridge flash type E27 Wired number 35 Recharge time 1-2 Pulse duration 1 / 400-1 / 1000 Power adjustment 1 / 1-1 / 8 (smooth) Color temperature 5500K (+/- 200K) Synchronization of the light synchronizer (light trap), synchro cable, the "Test" button Power 220-240B / 50Hz	1	14
6	Flash light Yongnuo YN-600EX-RT II (Canon) or analog (must be compatible with CANON EOS 2000D 18-55 IS II)	Specifications: Leading number: GN60 (ISO 100, 200 mm) Power levels: 1/128 - 1/1 in 1 / 3EV steps Zoom: 20 - 200 mm (14 mm with wide-angle diffuser) High Speed Sync (HSS) mode: Yes, up to 1/8000 sec Pulse modes: TTL (E-TTL), M, Multi Synchronization modes: Chamber TTL, Radio TTL Master (RT), Radio TTL Slave (RT), Optical TTL Master, Sc, Sn, S1, S2 Flash frequency in stroboscopic mode: 1 - 100 Hz Number of channels in wireless mode: 16 radio / 4 optical	1	14

		<p>Number of groups in wireless mode: 5 radio / 3 optical</p> <p>Wireless radio range: 100 meters</p> <p>Wireless optical range: 20 - 25 meters indoors, 10 - 15 meters outdoors</p> <p>Color temperature: 5600K</p> <p>Power supply: 4 alkaline batteries or NiMh AA batteries</p> <p>Support for external battery packs: Yes</p> <p>USB port for firmware update: Yes</p> <p>Recharge time: 2 sec</p> <p>Head rotation angle: -180 +180 degrees</p> <p>Head angle: 7 degrees down and up to 90 degrees up</p> <p>Complete set:</p> <p>Yongnuo YN600EX-RT II flash for Canon - 1 pc.</p> <p>protective cover for storing the flash - 1 pc.</p> <p>Flash stand for installation on surfaces - 1 pc.</p> <p>User manual - 1 pc.</p>		
7	Camera tripod	<p>tripod for camera</p> <p>Material: aluminum;</p> <p>Number of sections: 5;</p> <p>Fixation between sections: clip;</p> <p>Minimum working height: 44.5 cm;</p> <p>Maximum working height: 165 cm;</p> <p>Length when folded: 45.3 cm;</p> <p>Head: 3-way pan / tilt;</p> <p>Quick-release platform: yes;</p> <p>Threaded connections: 1/4;</p> <p>Panning range: 360 °;</p> <p>Forward tilt range: -30 ° / + 90 °;</p> <p>Lateral inclination: -30 ° / + 90 °;</p> <p>Maximum load: 3 kg;</p>	1	14
8	Tripod for flash	<p>Maximum height: 62 cm</p> <p>Minimum height: 41 cm</p> <p>Height when folded: 58 cm</p> <p>Maximum diameter of a pipe: 2.2 cm</p>	1	14
9	Portrait background with Falcon holder or analog	<p>Rack height: 200 cm</p> <p>Background size: minimum 90x140 cm</p> <p>Color: gray / white</p>	1	14

		Background material: fabric Rack material: aluminum		
10	USB cable (AM / AF) extension cord	Type Connectors: USB plug AM - USB AF plug Length 1.8 m	1	14
11	Wacom STU-540 signature tablet	Dimensions of the work surface 108 x 65 mm Feature Kensington lock, AES256 / RSA2048 encryption resolution 2540 lpi (lines per inch) Number of pen pressure levels 1024 The Wacom pen can be attached with a cord to the tablet	1	14
12	CANON EOS 2000D 18-55 IS II SLR Camera	The type of camera is SLR Support for interchangeable lenses Canon EF / EF-S Built-in flash Yes The number of effective megapixels 24 CMOS matrix technology Image stabilization Maximum photo size in pixels 6000 x 4000 Minimum sensitivity of ISO-100 Maximum ISO sensitivity - 6400 Lens Optical magnification 3x The minimum shooting distance is 0.25 m Video recording Full HD (1920x1080) Display Display diagonal 3.0 " Memory card slot SD SDHC SDXC Interfaces HDMI USB	1	14

		Wireless connections Wi-Fi NFC Ability to connect an external flash yes External microphone connection yes Autonomy Battery Own Li-ion battery		
13	Mains power supply filter 5,0m 3 * 1mm ² 6 sockets	Number of sockets 6 Maximum load current 10 A Cable length 5 m Voltage: 220 V, 50 Hz. Maximum load: 2200 watts Automatic fuse, max .: 10 A Cable cross section: 3x1.0 mm Connection type Euro plug Switch - yes	1	14
14	Cable DVI to DVI 24 + 1pin, 1,8 m	Interface: DVI Connector types: 2 x DVI 24 + 1 pin Two ferrite rings Outer diameter of the cable: 7 mm Shielding: 16 x 10	1	14
15	Cable VGA to VGA 1,8m	Connectors: VGA plug - VGA plug 2 ferrite rings	1	14
16	USB 2.0 AM to Mini 5P 1.5m Power Plant Cable (KD00AS1244) or analog	Model USB 2.0 AM to Mini 5P 1.5m Article KD00AS1244 Type Login USB 2.0 Type Output mini USB	1	14
17	USB 2.0AM / AF 3.0m Calex pert cable (CCF-USB2-AMAF-TR-10) or analog	Connector 1 USB 2.0 Connector 2 USB 2.0 Type-B Female	1	14
18	USB Defender Septima Slim 7-port USB2.0 hub active (aluminum case) or analog	Number of ports: 7 Connection interface: USB 2.0 Power Supply	1	14
19	LCD Monitor 21.5	Type: LCD monitor Screen diagonal, inches: 21.5 LCD matrix type: IPS Image format: 16: 9 Resolution, dots: 1920x1080	1	14

		Viewing angle, horizontal / vertical: 178/178 Type of lighting system: LED Screen coating: matte		
20	Multifunctional device A4 b / w Xerox WC 3025BI (wi-fi) or analog	Laser printing technology Print -Black and white Max. print resolution 1200x1200 dpi Max. scan resolution 1200x1200 dpi	1	14
21	Computer i3/16G/ 1THDD + 240G SSD / ATX 400W / + Windows 10 Professional / Capacity: 64-bit / Program language: Ukrainian License type: OEM version (for assemblers) Purpose: For home and business Can be installed on: 1 PC + Microsoft Office 2019 [Ukrainian] / Capacity: 64-bit / Office version: Office for home and business / Interface language: Ukrainian / Mac (FPP - boxed version, Ukrainian language) (T5D-03369)	Specifications: Intel Core i3-10100 (3.6 - 4.3 ГГц) / RAM 16 ГБ / SSD 240 ГБ_1TB HDD / Intel UHD Graphics Drive type: SSD MLC SSD capacity: 240 GB Drive type: HDD HDD capacity: 1 TB / 7200 Wired network (LAN) 10/100/1000 Mbit / s Expansion slots: 1x PCIe 3.0 / 2.0 x16, 1x PCIe 2.0 x1	1	14
22	Uninterruptible power supply	Number of sockets not less 4 Output power 1000 watts The range of input voltage during operation from the network from 145 to 290 V Operating time in case of full load 20 min The type of battery used is classic Architecture type Linear-interactive The shape of the output voltage Approximate sinusoid	1	14
23	Cable USB2.0 AM / BM 1.8 Cablexpert (CCF-USB2-AMBM-6) 1.8m with ferrite or analog	Type USB type A - USB type B Length 1.8 m	1	14
24	Set (keyboard, mouse) Gemius SlimStar c130USB Ukr 31330208112 or analog	Leading type USB connection interface keyboard format - full size cord length 1.5 m The type of mouse sensor is optical number of buttons 3 Number of scroll wheels 1 Additional features	1	14

		symmetrical (suitable for left-handers)		
25	HDMI to VGA Cablexpert adapter (A-HDMI-VGA-03-6) or analog	1 HDMI connector 2 VGA connector + mini-jack (3.5 mm connector) Cable length 1.8 m	1	14

3.2 Delivery of equipment must be completed within 60 calendar days from contract signing date, which must be notified to UNDP within at least 2 weeks.

3.3 Delivery must be accompanied by a mandatory warranty card. All necessary technical documentation must be provided by the supplier on the day of delivery. The warranty period for all equipment must be not less than 12 months. All equipment must have official warranty service in Ukraine.

3.4 Delivery shall be in accordance with the UNDP agreed equipment specification.

3.5 Necessary delivery, unloading and adjustment of the equipment in ASCs according to the specified addresses of item 2.

4. Experience and qualification requirements (scans of documents to be provided)

- Company or individual entrepreneur with valid registration in Ukraine
- At least 3 years of experience in sales or manufacture of the similar equipment
- At least 2 (two) recommendation/reference letters from previous customers/clients on similar projects

5. Evaluation method

The contract will be awarded to an operating entity with a technically compatible proposal of the lowest price.

6. Price offer and payment schedule

- The contract value must remain fixed for the duration of the contract.
- Applicants must include all costs associated with the work in their price quotation (such as the supply of all equipment, installation, configuration, transportation costs)
- Payments should be arranged as follows:
 - 100% payment of the total contract amount will be made by UNDP within thirty (30) calendar days from the date of acceptance of the equipment by UNDP at the address specified in paragraph 2 and submission of the original invoice, acceptance certificate, and tax invoice (if any).

A. Distribution of value based on the results of work performed:

Description / specification of goods	Number	Price per unit without VAT (specify currency)	Total price per item without VAT (specify currency)
a set of computer equipment for issuing driver's licenses and technical passports for transport.	14		
Total price without VAT			

B. Distribution by cost items

Tenderers must provide a table of costs broken down by the above value to achieve each result in the following format. UNDP will use a cost table broken down by the cost of achieving each result to assess the reasonableness of prices, as well as to calculate the price in the event that both parties decide to add new goods and services to the range of goods and services to be provided under the contract.

No	Description / specification of goods	Number	Price per unit without VAT (specify currency)	Total price per item without VAT (specify currency)
I. EQUIPMENT AND MATERIALS				
1	AC power supply ACK-E10 or analog (<i>Indicate model and characteristics</i>)	14		
2	Flash holder Falcon LH-27SU (003) or analog(<i>Indicate model and characteristics</i>)	14		
3	Fastening to a rack of Falcon CL-C35) or analog(<i>Indicate model and characteristics</i>)	14		
4	Rack for studios(<i>Indicate model and characteristics</i>)	14		
5	Flash to Glodox Sy8000 camera or analog(<i>Indicate model and characteristics</i>)	14		
6	flash Yongnuo YN-600EX-RT II (Canon) or analog (must be compatible with CANON EOS 2000D 18-55 IS II) (<i>Indicate model and characteristics</i>)	14		
7	camera tripod (<i>Indicate model and characteristics</i>)	14		
8	Tripod for flash (<i>Indicate model and characteristics</i>)	14		
9	Portrait background with Falcon holder or analog(<i>Indicate model and characteristics</i>)	14		
10	USB cable (AM / AF) extension cord (<i>Indicate model and characteristics</i>)	14		
11	Wacom STU-540 signature tablet(<i>Indicate model and characteristics</i>)	14		
12	CANON EOS 2000D 18-55 IS II SLR Camera (<i>Indicate model and characteristics</i>)	14		
13	Mains power supply filter 5,0m 3 * 1mm2 (SP-1065) 6 sockets (<i>Indicate model and characteristics</i>)	14		
14	Cable DVI to DVI 24 + 1pin, 1,8 m <i>Indicate model and characteristics</i>)	14		
15	cable VGA to VGA 1,8m (<i>Indicate model and characteristics</i>)	14		
16	USB 2.0 AM to Mini 5P 1.5m Power Plant Cable (KD00AS1244) or analog(<i>Indicate model and characteristics</i>)	14		
17	USB 2.0AM / AF 3.0m Cablex pert cable (CCF-USB2-AMAF-TR-10) or analog(<i>Indicate model and characteristics</i>)	14		
18	USB Defender Septima Slim 7-port USB2.0 hub active (aluminum case) or analog(<i>Indicate model and characteristics</i>)	14		

19	LCD Monitor 21.5 (<i>Indicate model and characteristics</i>)	14		
20	Multifunctional device A4 b / w Xerox WC 3025BI (wi-fi) or analog(<i>Indicate model and characteristics</i>)	14		
21	Computer i3/16G/ 1THDD + 240G SSD / ATX 400W / (<i>Indicate model and characteristics</i>) + Windows 10 Professional / Capacity: 64-bit / + Microsoft Office 2019 [Ukrainian] / Capacity: 64-bit /	14		
22	Uninterruptible power supply (<i>Indicate model and characteristics</i>)	14		
23	Cable USB2.0 AM / BM 1.8 Cablexpert (CCF-USB2-AMBM-6) 1.8m with ferrite or analog(<i>Indicate model and characteristics</i>)	14		
24	Set (keyboard, mouse) Gemius SlimStar c130USB Ukr 31330208112 or analog(<i>Indicate model and characteristics</i>)	14		
25	HDMI to VGA Cablexpert adapter (A-HDMI-VGA-03-6) or analog(<i>Indicate model and characteristics</i>)	14		
I. Delivery of 14 sets of equipment		14		
II. Installation, installation of the hardware component on the Customer's object in ASCs according to p.2. Software settings		14		
Total price without VAT				

7. Additional requirements

5.1 The Supplier shall provide the specification, with all necessary documents, on the supplied equipment

5.2 Delivery will be monitored by a UNDP representative.

LOT 3 - Specification

for computer equipment required for the implementation of the project “Khlivodarivka Public Platform for Influencing Decision-Making. Islands of Social Dialogue in 4 Starosta Districts” to promote environments for training and entitle citizens to influence decision-making using digital technologies

1. Project description

The ongoing conflict in eastern Ukraine has had a direct and highly negative impact on social cohesion, resilience, livelihoods, community security, and the rule of law. Recognizing the need to urgently address reconstruction, economic recovery and peacebuilding needs in areas affected both directly and indirectly by the conflict, in late 2014 the Government of Ukraine requested technical assistance and financial support from the international community to assess priority recovery needs. In late 2014, the United Nations (UN), the World Bank (WB) and the European Union (EU) conducted a Recovery and Peacebuilding Assessment, which was endorsed by the Cabinet of Ministers in mid-2015.

The United Nations Development Programme (UNDP) has been active and present in eastern Ukraine for the past decade, prior to the conflict, with a focus on community development, civil society development, and environmental protection. Work on addressing the specific conflict-related development challenges discussed above built on this earlier engagement, established partnerships, and started in 2015 through the Recovery and Peacebuilding Programme (RPP). The RPP is a multi-donor funded framework programme formulated and led by the UNDP in collaboration with the Government of Ukraine and in cooperation with a number of partnering UN agencies (UN Women, FAO, UNFPA).

The RPP was designed to respond to, and mitigate, the causes and effects of the conflict. It is based on findings of the Recovery and Peacebuilding Assessment (RPA) and is aligned to the State Target Programme for Recovery as well as to the two oblast development strategies up to 2020. The RPP involves three pillars for action: 1) restoration of infrastructure and economic recovery; 2) support to local governance and related capacity building; and 3) social resilience and peacebuilding. It is an integral component of the UNDP Country Programme and is therefore fully aligned with the United Nations Partnership Framework (UNPF). It is closely interlinked with the Democratic Governance and Reform Programme, operating nationally and in all of Ukraine's regions and is consistent with the SDGs, in particular SDG 16 (Peace, Justice and Strong institutions).

As an area-based programme specifically developed for the conflict-affected areas of eastern Ukraine, the RPP addresses the key stabilization, peacebuilding, economic and governance priority needs in eastern Ukraine following the start of the conflict. It takes into account the opportunities that have arisen from the Minsk Protocol of September 2014 and the renewal of its cease-fire provisions (the latest cease-fire having been agreed in March 2018) and is also fully adjusted to the humanitarian-development nexus.

The Programme's interventions are grouped under the following key Programme components, which reflect the region's priority needs:

Component 1: Economic Recovery and Restoration of Critical Infrastructure

Component 2: Local Governance and Decentralization Reform

Component 3: Community Security and Social Cohesion.

The Programme, which operates based on a pooled funding arrangement, follows a multi-sectoral programme-based approach and is implemented using an area-based methodology. With the current project, it is a unifying interventions framework for 16 projects funded by 10 international partners.

Since October 2018, the project "Good Governance and Citizen Engagement in Justice, Security, Environment and Social Cohesion in Eastern Ukraine", funded by the Swedish International Development Agency, the Government of Denmark and the Swiss Agency for Development Cooperation, has been implemented.

One of the main directions of the project is the development of information and communication technologies, which make it possible to introduce electronic management and exchange of documents, as well as saving time and cost of services for the population living in the conflict zone. By the decision of Khibodarivka Settlement Council, the Khibodarivka Public Platform for Influencing Decision-Making was created as an effective tool for establishing cooperation between the Settlement Council and civil society institutions, as well as ordinary residents of Khibodarivka community. The implementation of the principle of "democracy as a service" and the ability of the community to influence decision-making, ensuring transparency of government, and establishing effective communication (including 4 starosta districts – islands of social dialogue) will facilitate the incorporation of democratic governance principles into local standards of public administration.

To implement the project "Khibodarivka Public Platform for Influencing Decision-Making. Islands of Social Dialogue in 4 Starosta Districts" in Khibodarivka Settlement Council Donetsk oblast, it is necessary to purchase and deliver equipment to the address 85766, p. Khibodarivka, 17, Tsentralna street, , and thereby create environments for training and providing high-quality E - services to the residents of communities.

2. Specifications:

Table 1.

№	Name	Equipment (must be specified models, or analog with the appropriate characteristics)	quantity
1	server	Intel Dell PowerEdge T40 v14 or analog Intel Xeon (8 cores 3.7 GHz), Intel C246 chipset, 64 GB RAM (DDR4-2666 MHz 4 slots, 128 GB max), HDD: 2 x 2 TB SSD: 2 x 500 GB Samsung. 1 pc. Xeon (8 ядер 3.7 ГГц), чипсет Intel C246, оперативна пам'ять 64 ГБ (DDR4-2666 МГц 4 слоти, 128 ГБ макс.), жорсткий диск HDD: 2 x 2 TB SSD: 2 x 500 GB Samsung.	1pc.
2	Video card	MSI GeForce GT1030 2048Mb AERO or analog 2 GB of memory. Memory frequency 2100 MHz. DDR4 memory type. Connectors - DVI, HDMI.	1pc.
3	Monitor	Asus VP229HE or analog 21.5 "display diagonal, maximum display resolution 1920 x 1080, matrix response time 5 ms, display brightness 250 cd / m ² , IPS matrix type, 1000: 1 display brightness	1pc.
4	Keyboard	Logitech K280e USB or analog Moisture-proof case. Built-in wrist rest. Dimensions: 459 x 20.4 x 182.6 mm. Cable length: 1.8 m. Weight: 930 g	1pc.

5	Mouse	A4Tech X89 USB Maze or analog Sensor: PixArt PAW3212. Resolution: 1000/1200/1600/2000/2400 DPI. Image processing: 1.29 MP / sec. Frame processing frequency: 4000 frames / sec. Poll frequency: 125 ~ 1000 Hz / sec. Acceleration: 10 g. Response time: 1 ms. Optical switches: over 10 million clicks	3 pcs.
6	Uninterruptible power supply	Powercom RPT-1500AP Schuko or analog Sockets - 4 pcs. Output power 1500 VA / 900 W.	1 pc.
7	Cable	PowerPlant HDMI - HDMI 3 m or analog Version - 1.4, 3D, 4K x 2K Cable color - black Connector - plug - plug Diameter, mm - 6.0 mm Additional function - with filters	6 pcs.
8	Webcam	2E Cam 2560x1440 WQHD or analog Video resolution 2560x1440 CMOS sensor With a microphone Focusing - autofocus fastening on a tripod USB power supply Frame rate per second 30 additional features Sensor: CMOS sensor / GC2053 1 / 2.9 Noise-canceling microphone Wide viewing angle privacy curtain Cable length 1.5 m	2 pcs.
9	TV	XiaomiMi TV UHD 4S 50 or analog TV type LED, Screen diagonal 50 " Screen resolution 4K Ultra HD (3840x2160) Quad core processor, RAM-2 GB, Permanent memory-8 GB, Wi-Fi, Dimensions with stand (HxWxD) 709, 7 x 1,117, 8 x 250.9 mm,	1 pc.

10	TV	XiaomiMi TV UHD 4S 43 або аналог LED TV type, Screen diagonal 43 " Extension 3840x2160 Android smart platform Digital tuner ranges DVB-C DVB-T2 Panel scan frequency 60 Hz	1 pc.
11	TV mount	2E T449 (UKR2ET449) or analog Type wall mount The minimum diagonal of the TV32 " Maximum diagonal of the TV 65 " Maximum weight -50 kg The design - an inclined / rotary VESA 200x200 200x300 200x400 300x200 300x300 400x200 400x300 400x400 Length 12 - 47.5 cm	2 pcs.
12	Color printer	MFP EPSON WORKFORCE PRO WF-3720DWF with BSBPCH and INKSYSTEM ink or analog MAIN CHARACTERISTICS A4 print format Number of colors 4 Connection type USB 2.0, Ethernet, Wi-Fi, NFC Manufacturer Epson MFP device (printer / scanner / copier / fax) Printing without a PC is available Inkjet printing technology the copier is the scanner is There is a fax Scope Office properties of the PRINTER Print resolution 4800x2400 dpi B / W print speed 20 ppm Color printing speed 10 pages / min Borderless printing is available Double-sided printing is available Copy resolution 600x600 dpi	5 pcs.

		<p>Copy speed 19 ppm color, 10 ppm b / w</p> <p>Optical scanner resolution 1200x2400 dpi</p> <p>The type of scanner is tablet</p> <p>Contact sensor type (CIS)</p> <p>Additional scanner features send to e-mail and cloud</p> <p>properties of FAX</p> <p>The presence of a color fax</p> <p>Data transfer rate 33.6 kbit / s</p> <p>Additional features fax memory for 100 numbers, memory for 180 pages, delayed fax transmission</p> <p>Tray volume 250</p> <p>Media format A4, A5, A6, B5, C6, DL, No. 10, Letter, Legal, Executive, 10x15, 13x18</p> <p>Media density, minimum 64 g / m²</p> <p>Carrier density, maximum 200 g / m²</p> <p>Wired connection USB 2.0, Ethernet</p> <p>Wireless Wi-Fi, NFC</p> <p>Types of wireless AirPrint connection</p> <p>There is no chipless firmware</p> <p>LCD touch screen, 2.7 inches</p> <p>The language of the display is English</p> <p>Russian language drivers</p> <p>Operating systems Windows, Mac OS</p>	
13	MFU	<p>Canon i-SENSYS MF443dw + 1 additional cartridge or analog</p> <p>Printing type: Laser</p> <p>Sheet size: A4</p> <p>Print color: Monochrome</p> <p>Functionality</p> <p>Maximum print resolution: 1200x1200 dpi</p> <p>B&W printing speed: 38 sheets / min</p> <p>Black cartridge life: 3100 A4 sheets (ISO / IEC 24711)</p> <p>Automatic printing on both sides: Yes</p> <p>Interfaces: USB 2.0</p> <p>Network interfaces: WiFi 802.11n</p> <p>AirPrint: Yes</p> <p>Additional features</p> <p>Built-in LCD screen: Yes</p> <p>Maximum recommended print volume per month: 4000</p> <p>Paper density range: 60-163g / m²</p>	3 pcs.
14	Projector	<p>Acer X1127i or analog</p> <p>Lamp and image</p> <p>UHP lamp type</p> <p>Service life 6000 hours</p> <p>Service life (economy) 10000 h</p>	5 pcs.

		<p>Lamp power 220 watts</p> <p>The brightness of ANSI-lumen is 4000 lm</p> <p>Dynamic contrast 20,000: 1</p> <p>Color transfer 1 billion colors</p> <p>Line scan frequency 15 - 100 kHz</p> <p>Frame scan frequency 24 - 120 Hz</p> <p>matrix</p> <p>DLP technology</p> <p>Real resolution 800x600 pixels</p> <p>Maximum resolution 1920x1200 pixels</p> <p>Support for 4: 3, 16: 9 image formats</p> <p>Designing</p> <p>reverse projection</p> <p>Projection distance, min 1 m</p> <p>Projection distance, max 11.8 m</p> <p>The diagonal of the image is 0.58 - 7.62 m</p> <p>Projection ratio 1.94: 1 - 2.16: 1</p> <p>Optical magnification 1.1 x</p> <p>Digital magnification 2 x</p> <p>Zoom and focus manually</p> <p>Trapezoid correction (vert), $\pm 40^\circ$</p> <p>Features and capabilities</p> <p>Features 3D support</p> <p>Wi-Fi Wi-Fi ready (optional)</p> <p>hardware part</p> <p>USB 2.0 1 pc</p> <p>Number of speakers 1 pc</p> <p>Sound power 3 watts</p> <p>VGA video connectors / 1 input, 1 output / composite</p> <p>HDMI inputs 1 pc</p> <p>HDMI version v 1.4</p> <p>3.5mm audio input jack (mini-Jack)</p> <p>Service connectors COM port (RS-232)</p>	
15	Wall mounting screen	<p>Elite Screens M139NWX or analog</p> <p>Diagonal 138 "inches</p> <p>Aspect ratio 16:10</p> <p>The dimensions of the projection surface are 297.9x186.2 cm</p> <p>Type of installation Wall / Ceiling</p> <p>Control type Manual</p> <p>Features Canvas MaxWhite 1.1 Gain Matte</p> <p>Optional Viewing angle of 160 degrees</p>	5 pcs.
16	Projector bracket	<p>CHARMOUNT PRB43-65 Black or analog</p> <p>Main characteristics</p> <p>Ceiling type</p> <p>Maximum load 20 kg</p> <p>angle of inclination 15</p>	5 pcs.

		angle of rotation15	
17	Laptop	<p>Asus K413EA-EB554 or similar</p> <p>Display diagonal 14 "</p> <p>Expansion</p> <p>1920x1080 (FullHD)</p> <p>screen surface anti-reflective coating</p> <p>matrix type IPS</p> <p>processor</p> <p>Intel processor generation</p> <p>11th generation</p> <p>processor</p> <p>Intel Core i5 1135G7 (3.1 - 4.2 GHz)</p> <p>Number of processor cores 4</p> <p>DDR4 RAM type</p> <p>The amount of RAM is 8 GB</p> <p>SSD256 GB capacity</p> <p>card reader Card-reader</p> <p>Intel Iris Xe Graphics graphics card</p> <p>Webcam WEB-Camera</p> <p>Additional features</p> <p>built-in microphone, stereo speakers</p> <p>communication capabilities</p> <p>wireless technology</p> <p>Bluetooth, Wi-Fi</p> <p>Interfaces and connections</p> <p>3 x USB 2.0, USB 3.2 Type-C, HDMI, Combined audio jack</p> <p>Software</p> <p>Operating System</p> <p>without operating system</p> <p>Specifics</p> <p>keyboard backlight, TPM module</p>	8 pcc.
18	Router	<p>TP-LINK TL-WR840N or analog</p> <p>Wi-Fi router</p> <p>Additional operating modes</p> <p>Bridge (WDS)</p> <p>Wi-Fi standard 802.11 n; g; b</p> <p>number of channels 1</p> <p>Maximum data rate</p> <p>n (300 Mbps)</p> <p>operating frequency 2.4 GHz</p> <p>WAN port 1 x 10/100 RJ-45</p> <p>Number of LAN ports (RJ-45) - 4</p> <p>The external antenna is non-removable</p> <p>number of antennas 2</p> <p>Gain 5 dBi</p> <p>Transmitter power at 2.4 GHz</p>	6 pcs.

		<p>20 dBm</p> <p>Additional features</p> <p>IPTV support; Dynamic DNS (DDNS); VPN support; traffic prioritization (QoS); DHCP server</p> <p>Access control</p> <p>domain filter (URL); package verification (SPI); demilitarized zone (DMZ); protection against DoS attacks; MAC address filtering; guest network; IP address filtering; parental control encryption</p> <p>WPS; WPA2-PSK; WPA-PSK; WPA2; WPA; 152-bit WEP; 128-bit WEP; 64-bit WEP</p>	
19	Network filter	<p>Defender DF5 153 - 5 m or similar</p> <p>Black</p> <p>number of sockets</p> <p>6</p> <p>Maximum load current</p> <p>10 A</p> <p>Producing country</p> <p>China</p> <p>Surge protection</p> <p>An automatic fireproof fuse is built into the switch</p> <p>Protected circuits: phase-zero</p> <p>Overload and short circuit protection</p> <p>Protection against impulse interference</p> <p>Cable length</p> <p>5 m</p> <p>additional features</p> <p>The maximum total power of loading is 2200 W.</p> <p>Maximum dissipated energy: 125 J.</p> <p>Sockets with grounding: 6 pcs</p> <p>Dimensions without packaging: 4.12 x 32.5 x 5.3 cm</p> <p>Individual package size: 4.8 x 36.5 x 11 cm</p> <p>Weight of individual packing: 0.63 kg</p> <p>network indicator</p> <p>Wall mounting</p> <p>Housing made of non-combustible plastic</p> <p>Conductors made of pure copper</p> <p>Type</p> <p>Network filters</p> <p>Filter connection type</p> <p>Euro plugs with grounding (Type F)</p> <p>electrical protection</p>	5 pcs.

		From a short circuit from overloads switch - yes	
20	Windows 10 operating system Must be installed on laptops and server	Windows 10 Professional / Capacity: 64-bit / Program language: English / License type: OEM version (for assemblers) / Purpose: For home and business / Can be installed on: 1 PC	9 pcs.
21	Microsoft Office 2019 Must be installed on laptops and server	Microsoft Office 2019 [Ukrainian Medialess] / Capacity: 64-bit / Office version: Office for home and business / Interface language: Ukrainian / software package: Word, Excel, PowerPoint, OneNote, Outlook / License type: Permanent / Can be installed on : 1 PC	9 pcs.

2.1 Delivery of equipment must be completed within 60 calendar days from contract signing date, which must be notified to UNDP within at least 2 weeks.

2.2 Delivery must be accompanied by a mandatory warranty card. All necessary technical documentation must be provided by the supplier on the day of delivery. The warranty period for all equipment must be not less than 12 months. All equipment must have official warranty service in Ukraine.

2.3 Delivery shall be in accordance with the UNDP agreed equipment specification.

2.4 Necessary delivery, unloading of equipment to the address: 85766, 17, Tsentralna street, v. Khibodarivka (Annex 1)

8. Price offer and payment schedule

- The contract value must remain fixed for the duration of the contract.
- Applicants must include all costs associated with the work in their price quotation (such as the supply of all equipment, installation, configuration, transportation costs)
- Payments should be arranged as follows:
 - 100% of the total contract amount will be paid after acceptance of the equipment UNDP and signing of the bilateral Transfer and Acceptance Act.

A. Distribution of value based on the results of work performed:

Description / specification of goods	Number	Price per unit without VAT (specify currency)	Total price per item without VAT (specify currency)
a set of computer equipment needed to implement the project "Public platform Khibodarivka to influence decision-making. Islands of social dialogue in 4 districts of Starosty »	1		
Total price without VAT			

B. Distribution by cost items

Tenderers must provide a table of costs broken down by the above value to achieve each result in the following format. UNDP will use a cost table broken down by the cost of achieving each result to assess the reasonableness of prices, as well as to calculate the price in the event that both parties decide to add new goods and services to the range of goods and services to be provided under the contract.

No	Description / specification of goods	Number	Price per unit without VAT (specify currency)	Total price per item without VAT (specify currency)
I. EQUIPMENT AND MATERIALS				
1	Server (Indicate model and characteristics)	1		
2	Video card (Indicate specify model and characteristics)	1		
3	Monitor (Indicate model and characteristics)	1		
4	Keyboard (Indicate model and specifications)	1		
5	Mouse (Indicate model and characteristics)	3		
6	Uninterruptible power supply (Indicate model and characteristics)	1		
7	Cable (Indicate model and characteristics)	6		
8	Webcam (Indicate model and specifications)	2		
9	TV (Indicate model and specifications)	1		
10	TV (Indicate model and specifications)	1		
11	TV mount (Indicate model and specifications)	2		
12	Color printer (Indicate model and specifications)	5		
13	Printer with optional cartridge (Indicate model and specifications)	3		
14	Projector (Indicate model and characteristics)	5		
15	Manual wall screen (Indicate model and characteristics)	5		
16	Projector bracket (Indicate model and specifications)	5		
17	Laptop (Indicate model and specifications)	8		
18	Router (Indicate model and characteristics)	6		
19	Network filter (Indicate model and characteristics)	5		
20	Windows 10 Professional / Capacity: 64-bit (Must be installed on laptops and server)	9		
21	Microsoft Office 2019 (Must be installed on laptops and server)	9		
Delivery and unloading of 1 set of equipment		1		
Total price without VAT				

Annex 1

Delivery of the equipment in sufficient quantity to the following address:

No.	Oblast	District	Deliver address	Number of sets of equipment
1	Donetsk	Volnovakha	17, Tsentralna str., Khibodarivka, 85766	1
Total				1

LOT 4 - Specification

For computer equipment required for the ASCs (Administrative Service Centers) of Luhansk and Donetsk Oblasts

1. Background:

The ongoing conflict in eastern Ukraine has had a direct and highly negative impact on social cohesion, resilience, livelihoods, community security, and the rule of law. Recognizing the need to urgently address reconstruction, economic recovery and peacebuilding needs in areas affected both directly and indirectly by the conflict, in late 2014 the government of Ukraine requested technical assistance and financial support from the international community to assess priority recovery needs. In late 2014, the United Nations, the World Bank and the European Union conducted a Recovery and Peacebuilding Assessment, which was endorsed by the Cabinet of Ministers in mid-2015.

UNDP has been active and present in eastern Ukraine for the past decade, prior to the conflict, with a focus on community development, civil society development, and environmental protection. Work on addressing the specific conflict-related development challenges discussed above built on this earlier engagement and established partnerships and started in 2015 through the **United Nations Recovery and Peacebuilding Programme or UNRPP**. The UNRPP is a multi-donor funded framework programme formulated and led by the United Nations Development Programme (UNDP) in collaboration with the government of Ukraine and in cooperation with partnering UN agencies (UN Women, FAO, and UNFPA).

The UNRPP was designed to respond to and mitigate the causes and effects of the conflict. It is based on findings of the Recovery and Peacebuilding Assessment (RPA) and is aligned to the State Target Programme for Recovery, as well as to the two oblast development strategies up to 2020. The RPP involves three pillars for action: 1) restoration of infrastructure and economic recovery; 2) support to local governance and related capacity building; and 3) social resilience and peacebuilding. It is an integral component of the UNDP Country Programme and is therefore fully aligned with the United Nations Partnership Framework (UNPF). It is closely interlinked with the Democratic Governance and Reform Programme, operating nationally and in all of Ukraine's regions, and is consistent with the SDGs, in particular SDG 16 (Peace, Justice and Strong institutions).

As an area-based programme specifically developed for the conflict-affected areas of eastern Ukraine, the RPP addresses the key stabilization, peacebuilding, economic and governance priority needs in eastern Ukraine following the start of the conflict. It takes into account the opportunities that have arisen from the Minsk Protocol of September 2014 and the renewal of its cease-fire provisions (the latest cease-fire having been agreed in March 2018) and is also fully adjusted to the humanitarian-development nexus.

The Programme's interventions are grouped under the following key Programme components, which reflect the region's priority needs:

Component 1: Economic Recovery and Restoration of Critical Infrastructure

Component 2: Local Governance and Decentralization Reform

Component 3: Community Security and Social Cohesion (CSSC).

The Program is supported by twelve international partners: the European Union (EU), the European Investment Bank (EIB), the USA Embassy in Ukraine, as well as the governments of Denmark, Canada, the Netherlands, Germany, Norway, Poland, Switzerland, Sweden and Japan.

In October 2018, four UN agencies (UNDP, UN Women, FAO and the UNFPA) countersigned a new joint project document, funded by the EU. The overall objective of the project is to restore effective governance and promote reconciliation in the crisis-affected communities of Donetsk and Luhansk regions of Ukraine, thereby enhancing the credibility and legitimacy of local governments in the government-controlled areas (GCAs) of the regions. It will contribute to peace build and prevent the further escalation of conflict in Ukraine through effective and accountable decentralization, gender-responsive recovery planning, and equal access to services, as well as enhanced community security and social cohesion.

This endeavor will be achieved through the pursuit of the following specific objectives:

1. To enhance local capacity for gender-responsive decentralization and administrative reforms to improve governance, local development and the delivery of services.
2. To stimulate employment and economic growth by providing assistance for Micro, Small and Medium Enterprise (MSME) development through demand-driven business development services and professional skills training.
3. To enhance social cohesion and reconciliation through promotion of civic initiatives.
4. To support sector reforms and structural adjustments in health, education and critical public infrastructure to mitigate direct impacts of the conflict and enhance the capacity of governmental authorities for national coordination of actions to cope with emergencies arising from the conflict zone.
5. To support the implementation of the European Investment Bank's Early Recovery Programme.

The primary objective of the first task is to build capacity at the local level for reforms to decentralize power and administrative services, taking into account gender factors, to improve governance, local development and service delivery.

Currently, the residents of Luhansk and Donetsk Oblasts, living near the contact line, as well as residents of the non-government controlled areas of Ukraine, have problems with receiving quality administrative services due to the lack of a network of Administrative Service Centers (ASCs).

In order to complete the ASCs of Luhansk and Donetsk Oblasts, it is necessary to purchase the equipment, install it in the premises provided by the local authority and thus create conditions for rendering quality administrative services to the community residents.

2. Scope of work

2.2 Supply of computers and other office equipment for the creation of the ASCs of Luhansk and Donetsk Oblasts in accordance with the technical characteristics contained in **Table 1**.

2.2 Delivery and unloading of the computer equipment at the addresses listed in Annex 1.

3. Specifications

3.1 Requirements to the equipment set:

Table 1

#	Equipment	Characteristics (specified below or higher)	Number of pieces (pcs)
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1	Monoblock HP 200 G4 22" (2B429EA) or equivalent Windows 10 Pro 64-bit Accessories: mouse, keyboard	<p>Type: Monoblock Chipset: SoC</p> <p>Processor type: Intel Core i3-10110U Frequency, GHz:2.1 Number of cores: 2 Amount of RAM, GB: 8 Standard: DDR4-2666 Hard drive SSD capacity, GB:256 Interface: Graphics chipset: integrated Intel UHD Graphics Built-in optical drive: DVD-RW Sound controller: integrated (Realtek ALC3247) External ports: 2xUSB 2.0, 2xUSB 3.1, HDMI, combined headphone and microphone jack Card reader: SD Wi-Fi 802.11ac, Bluetooth 4.2 Diagonal: 21.5 Resolution: 1920x1080 Matrix type: IPS Additionally: built-in microphone and speakers, 5 MP webcam</p>	30
2	extension cord with overload protection (5 outlets/4.5 m)	<p>Number of outlets: 5 Max. load current: 10 A Surge protection Max. peak current: 4500 A Max. surge voltage: 4500 V Circuit breaker: 10A Max. absorbing energy (for 2 μs voltage surge): 125 J Cable length:4.5 m (copper)</p>	30
3	Uninterruptible power supply unit(UPS): Eaton 5E 650VA USB DIN or equivalent	<p>Characteristics: linear interactive Battery switch-on time: 2 ms Input voltage range: 170-280 V Input frequency: 50-60 Hz Output voltage: 230 V Max. output power: 650 VA Effective output: 360 W Outlets + 3 pcs: CEE 7/IEC-320-C13 Short circuit protection</p>	30

		<p>Overload protection</p> <p>Filtering</p> <p>Data line protection</p> <p>High voltage impulse protection</p> <p>USB control interfaces</p>	
4	<p>Office 2019 (T5D-03369)</p> <p>(Software)</p> <p>To be installed on 30 AIOs (p. 1)</p>	<p>Microsoft Office Home and Business 2019 Box version. (T5D-03369)</p> <p>Capacity: 64-bit / Office version: Office for home and business / Interface language: Ukrainian / Software suite: Word, Excel, PowerPoint, OneNote, Outlook / License: fixed / Can be installed on: 1 PC</p>	30
5	<p>Multifunction unit (MFU)</p> <p>Canon i-SENSYS MF443dw or analogue + 1 extra cartridge</p>	<p>Printing type: laser</p> <p>Sheet size: A4</p> <p>Print color: monochrome</p> <p>Functionality:</p> <p>Max. print resolution: 1200x1200 dpi</p> <p>B&W printing speed: 38 ppm</p> <p>Black cartridge life: 3100 A4 sheets (ISO / IEC 24711)</p> <p>Automatic printing on both sides: yes</p> <p>Interface: USB 2.0</p> <p>Network interfaces: Wi-Fi 802.11 n</p> <p>AirPrint: yes</p>	5
6	<p>Canon i-SENSYS MF3010 + extra cartridge or equivalent</p>	<p>Paper size: A4</p> <p>Printing type: laser</p> <p>Color: monochrome</p> <p>LCD display</p> <p>Built-in memory: 64 MB</p> <p>B&W printingspeed: 18 ppm</p> <p>Max. resolution: 600x600 6000x1200</p> <p>Copy resolution: 600x600dpi</p> <p>Scanner type: flatbed</p> <p>Scanner resolution: 600x600 dpi</p> <p>Color depth: 24</p> <p>Wired interfaces: USB 2.0</p>	24
7	<p>Antivirus (installed on computer equipment)</p>	<p>ESET Endpoint Security software for 2 years</p>	For 30 Monoblock
8	<p>HDCVI video surveillance kit Dahua CVI-2M-8COMBI-P-Lite or analog</p>	<p>The set consists of: Dahua Technology DH-HAC-HDW1200RP (2.8 mm) - 4 pieces Dahua Technology DH-HAC-HFW1220RP-S3 (2.8 mm) - 4 pieces Dahua Technology DH-XVR5108C-X - 1 piece Hard disk HDD Western Digital</p>	5

		Purple 1TB 64MB WD10PURZ 3.5 SATA III - 1 pc.	
9	4-ports USB 3.0 hub	<p>Laptop and PC compatibility data transfer rate up to 5 Gbps. Overcurrent protection to protect both connected devices and the hub itself from unforeseen surges.</p> <p>USB 3.0 device, compatible with USB 1.1 and USB 2.0 devices. Supports hot swapping.</p> <p>-Length on the cable: 30 cm</p> <p>Windows 2000 / XP / Vista / Windows 7 / Windows 8 / Windows 10</p> <p>1 input and 4 output ports</p>	31
10	TV	<p>XiaomiMi TV UHD 4S 43 or similar LED TV type, Screen diagonal 43 "</p> <p>Extension 3840x2160</p> <p>Android smart platform</p> <p>Digital tuner ranges</p> <p>DVB-C</p> <p>DVB-T2</p> <p>Panel scan frequency</p> <p>60 Hz</p>	2
11	TV mount	<p>2E T449 (UKR2ET449) or analog Type</p> <p>wall mount</p> <p>The minimum diagonal of the TV32 "</p> <p>Maximum diagonal of the TV 65 "</p> <p>Maximum weight -50 kg</p> <p>The design - an inclined / rotary</p> <p>VESA</p> <p>200x200</p> <p>200x300</p> <p>200x400</p> <p>300x200</p> <p>300x300</p> <p>400x200</p> <p>400x300</p> <p>400x400</p> <p>Length 12 - 47.5 cm</p>	2
12	Router	<p>TP-LINK TL-WR840N or analog</p> <p>Wi-Fi router</p> <p>Additional operating modes</p> <p>Bridge (WDS)</p> <p>Wi-Fi standard 802.11 n; g; b</p> <p>number of channels 1</p> <p>Maximum data rate</p>	5

		n (300 Mbps) operating frequency 2.4 GHz WAN port 1 x 10/100 RJ-45 Number of LAN ports (RJ-45) - 4 The external antenna is non-removable number of antennas 2 Gain 5 dBi Transmitter power at 2.4 GHz 20 dBm Additional features IPTV support; Dynamic DNS (DDNS); VPN support; traffic prioritization (QoS); DHCP server Access control domain filter (URL); package verification (SPI); demilitarized zone (DMZ); protection against DoS attacks; MAC address filtering; guest network; IP address filtering; parental control encryption WPS; WPA2-PSK; WPA-PSK; WPA2; WPA; 152-bit WEP; 128-bit WEP; 64-bit WEP	
13	24-port switch	Dahua DH-PFS3125-24ET-190 or analog Ethernet ports (Uplink): Combo 1x SFP (1000M) or 1x RJ45 (1000M) Ethernet ports (DownLink): 24x RJ45 (10 / 100M) PoE PoE power consumption: Ports 1, 2 ≤60W; 3 - 24 ≤30 W, total ≤ 190 W. PoE protocols: IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3af, IEEE802.3at, Hi-PoE Max. bandwidth: 6.8G	1
14	Cable Ktp Utp 4 pairs of 8 cores Ritar Cca for internal works 305 m	KTP UTP cable (4 * 2 * 0.5) 4 pairs Material - CCA (bimetal) Purpose - for interior work length 305 meters	1 box

3.2 The supply of the equipment must be completed within 60 calendar days from the date of signing the contract, which should be reported to UNDP at least 2 weeks in advance.

3.3 The supplier must ensure that sufficient equipment is delivered to the addresses in accordance with Annex 1.

3.4 All equipment must be accompanied by warranty certificates. All necessary technical documentation must be provided by the Supplier on the day of delivery. The warranty period for the entire list of the equipment must be at least 12 months. All equipment must have an official warranty service in Ukraine.

3.5 The delivery must comply with UNDP equipment specifications.

3.7 The equipment must be delivered and unloaded.

4. Experience and qualification requirements (scans of documents to be provided)

- Company or individual entrepreneur with valid registration in Ukraine
- At least 3 years of experience in sales or manufacture of the similar equipment
- At least 2 (two) recommendation/reference letters from previous customers/clients on similar projects

5. Evaluation method

The contract will be awarded to an operating entity with a technically compatible proposal of the lowest price.

6. Price quotation and payment schedule

- The contract price should remain fixed for the duration of the contract.
- Bidders must include all costs related to the performance of the works in their quotation (delivery of all materials and equipment, transport costs, unloading at the delivery site, etc.)
- Payments should be made as follows:
 - 100% payment of the total contract amount will be made by UNDP within thirty (30) calendar days from the date of acceptance of the equipment by UNDP at the addresses in accordance with Annex 1 and submission of the original invoice, acceptance certificate, and tax invoice (if any).

Considering that the purchase of services will be carried out within the framework of the international technical assistance project, quotations/invoices for payment should be submitted without VAT.

Bidders must submit their quotations in the following format:

No.	Product name and specification requirements	Number of units (pcs)	Price per unit, excl. VAT, currency	Total price, excl. VAT, currency
1	Monoblock PC with Windows 10 Pro 64-bit (Specify the model and characteristics)	30		
2	extension cord with overload protection (5 outlets/4.5 m) (Specify the model and characteristics)	30		
3	Uninterruptible power supply unit (UPS): (Specify the model and characteristics)	30		
4	Office 2019(Software) To be installed on 30 AIOs (p. 1)	30		
5	Multifunctional unit(MFU) +1 extra cartridge (Specify the model and characteristics)	5		
6	Multifunctional unit + extra cartridge (Specify the model and characteristics)	24		
7	Antivirus	For 30 Monoblock		
8	HDCVI CCTV Kit Dahua CVI-2M-8COMBI-P-Lite or similar Specify model and specifications	5		
9	4-port USB 3.0 hub Specify the model and characteristics	30		

10	TV <i>Specify model and specifications</i>	2		
11	TV mount <i>Specify the model and characteristics</i>	2		
12	Router <i>Specify the model and characteristics</i>	5		
13	24-port switch <i>Specify the model and characteristics</i>	1		
14	Cable Ktp Utp 4 bet 8 cores Ritar Cca for internal works 305m	1 box		
Delivery and unloading of equipment to addresses according to Annex 1.				
TOTAL, excl. VAT, currency				

Annex 1

Delivery of the equipment in sufficient quantity to the following address:

№	Oblast	District	Delivery address	Components, according to product number ##
1	Luhansk	Sievierodonetsk	93404, 32-a, bul'var Druzhby Narodiv, Sievierodonetsk	1-6 pcs. 2-6 pcs. 3-6 pcs. 4-6 pcs. 6-6 pcs. 7- 6 pcs. 9- 6 pcs.
2	Luhansk	Svatove	92622 25, Pershotravneva str. Kolomyychykha,	1-3pcs. 2-3 pcs. 3-3 pcs. 4-3 pcs. 6-3 pcs. 7- 3 pcs. 8-1pc. 9- 3 pcs.
3	Luhansk	Svatove	92100 69, Tsentralna str. Troyitske	1-3 pcs. 2-3pcs. 3-3pcs. 4-3pcs. 5-2 pcs. 7- 3 pcs. 8-1pc. 9- 3pcs.

4	Luhansk	Svatove	92603, 36, ploscha 50-richchya Peremohy, Svato ve	1-4pcs. 2-4 pcs. 3-4 pcs. 4-4 pcs. 6-4 pcs. 7- 4 pcs. 8-1pc. 9- 4 pcs. 10-1pc. 11-1pc. 12-1pc. 13-1pc. 14-1pc.
5	Luhansk	Svatove	92612, 79, Kashtanova str., Nyzhnya Duvanka	1-3 pcs. 2-3 pcs. 3-3 pcs. 4-3 pcs. 6-3pcs. 7- 3 pcs. 9- 3 pcs. 12-1pc.
6	Luhansk	Starobilsk	92322, 4, 1 Travnnya str., Biloluts'k	1-2 pcs. 2-2 pcs. 3-2pcs. 4-2pcs. 6-2pcs. 7- 2 pcs. 9- 2 pcs.
7	Luhansk	Sievierodonetsk	93292 , 7,Tsentralna str, Hirske	1-2 pcs. 2-2 pcs. 3-2pcs. 4-2pcs. 6-2pcs. 7- 2 pcs. 8-1pc. 9- 2 pcs. 12-1pcs.
8	Donetsk	Pokrovsk	85300, 11,ploscha Shybankova, Pokrovsk	1-3pcs. 2-3 pcs. 3-3 pcs. 4-3 pcs. 5-3 pcs. 7- 3 pcs. 9- 3 pcs. 10-1pc. 11-1pc. 12-1pc.
9	Donetsk	Bakhmut	84528 , 1, Peremohy Avenue, Zvanivka	1-4pcs. 2-4 pcs. 3-4 pcs. 4-4 pcs.

				6-4 pcs. 7- 4 pcs. 8-1pc. 9- 4 pcs. 12-1pc.
Total:				1-30 pcs. 2-30 pcs. 3-30 pcs. 4-30 pcs. 5-5 pcs. 6-24pcs. 7- 30 pcs. 8-5 pcs. 9-30 pcs. 10-2 pcs. 11-2 pcs. 12-5 pcs. 13-1 pcs. 14-1 pcs.

ANNEX 2: QUOTATION SUBMISSION FORM

Bidders are requested to complete this form, including the Company Profile and Bidder's Declaration, sign it and return it as part of their quotation along with Annex 3: Technical and Financial Offer. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:	Click or tap here to enter text.	
RFQ reference:	144_148_203_530-2021-UNDP-UKR-RFQ-RPP	Date: Click or tap to enter a date.

Company Profile

Item Description	Detail
Legal name of bidder or Lead entity for JVs	Click or tap here to enter text.
Legal Address, City, Country	Click or tap here to enter text.
Website	Click or tap here to enter text.
Year of Registration	Click or tap here to enter text.
Legal structure	Choose an item.
VAT payer status	Click or tap here to enter text.
Contract person name	Click or tap here to enter text.
Contact person email	Click or tap here to enter text.
Contact person phone	Click or tap here to enter text.
Company's core activities	Click or tap here to enter text.
Profile – describing the nature of business, field of expertise.	Click or tap here to enter text.
Are you a UNGM registered vendor?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, insert UNGM Vendor Number
Quality Assurance Certification (e.g. ISO 9000 or Equivalent) (If yes, provide a Copy of the valid Certificate):	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your Company hold any accreditation such as ISO 14001 or ISO 14064 or equivalent related to the environment? (If yes, provide a Copy of the valid Certificate):	<input type="checkbox"/> Yes <input type="checkbox"/> No

Does your Company have a written Statement of its Environmental Policy? <i>(If yes, provide a Copy)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your organization demonstrate significant commitment to sustainability through some other means, for example internal company policy documents on women empowerment, renewable energies or membership of trade institutions promoting such issues <i>(If yes, provide a Copy)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is your company a member of the UN Global Compact	<input type="checkbox"/> Yes <input type="checkbox"/> No
Bank Information	<p>Bank Name: Click or tap here to enter text.</p> <p>Bank Address: Click or tap here to enter text.</p> <p>IBAN: Click or tap here to enter text.</p> <p>SWIFT/BIC: Click or tap here to enter text.</p> <p>Account Currency: Click or tap here to enter text.</p> <p>Bank Account Number: Click or tap here to enter text.</p>
References	Please provide contact details of at least 2 (two) previous clients for reference and attach the signed reference letters.

Bidder's Declaration

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Requirements and Terms and Conditions: I/We have read and fully understand the RFQ, including the RFQ Information and Data, Schedule of Requirements, the General Conditions of Contract, and any Special Conditions of Contract. I/we confirm that the Bidder agrees to be bound by them.
<input type="checkbox"/>	<input type="checkbox"/>	I/We confirm that the Bidder has the necessary capacity, capability, and necessary licenses to fully meet or exceed the Requirements and will be available to deliver throughout the relevant Contract period.
<input type="checkbox"/>	<input type="checkbox"/>	Ethics: In submitting this Quote I/we warrant that the bidder: has not entered into any improper, illegal, collusive or anti-competitive arrangements with any Competitor; has not directly or indirectly approached any representative of the Buyer (other than the Point of Contact) to lobby or solicit information in relation to the RFQ ;has not attempted to influence, or provide any form of personal inducement, reward or benefit to any representative of the Buyer.
<input type="checkbox"/>	<input type="checkbox"/>	I/We confirm to undertake not to engage in proscribed practices, , or any other unethical practice, with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN and we have read the United Nations Supplier Code of Conduct: https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN.
<input type="checkbox"/>	<input type="checkbox"/>	Conflict of interest: I/We warrant that the bidder has no actual, potential, or perceived Conflict of Interest in submitting this Quote or entering a Contract to deliver the Requirements. Where a Conflict of Interest arises during the RFQ process the bidder will report it immediately to the Procuring Organisation's Point of Contact.
<input type="checkbox"/>	<input type="checkbox"/>	Prohibitions, Sanctions: I/We hereby declare that our firm, its affiliates or subsidiaries or employees, including any JV/Consortium members or subcontractors or suppliers for any part of the contract is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists and have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization.
<input type="checkbox"/>	<input type="checkbox"/>	Bankruptcy: I/We have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future.
<input type="checkbox"/>	<input type="checkbox"/>	Offer Validity Period: I/We confirm that this Quote, including the price, remains open for acceptance for the Offer Validity.
<input type="checkbox"/>	<input type="checkbox"/>	I/We understand and recognize that you are not bound to accept any Quotation you receive, and we certify that the goods offered in our Quotation are new and unused.
<input type="checkbox"/>	<input type="checkbox"/>	By signing this declaration, the signatory below represents, warrants and agrees that he/she has been authorised by the Organization/s to make this declaration on its/their behalf.

Signature: _____

Name: Click or tap here to enter text.

Title: Click or tap here to enter text.

Date: Click or tap to enter a date.

ANNEX 3: TECHNICAL AND FINANCIAL OFFER - GOODS

Bidders are requested to complete this form, sign it and return it as part of their bid along with Annex 2: Quotation Submission Form. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:	Click or tap here to enter text.	
RFQ reference:	144_148_203_530-2021-UNDP-UKR-RFQ-RPP	Date: Click or tap to enter a date.

Table 1.1 Conformity to the Specification – LOT 1

#	Name of equipment	Technical characteristics	Conformity (Yes/No)	Offered Brand, Model and Exact characteristics (Technical characteristics should not be less / worse than those listed in the assignment)
1	Monoblock HP 200 G4 22" (2B429EA) or equivalent + additionally Windows 10 Pro 64-bit OEM Accessories: mouse, keyboard	Type: Monoblock Chipset: SoC Processor type: Intel Core i3-10110U Frequency, GHz:2.1 Number of cores: 2 Amount of RAM, GB: 8 Standard: DDR4-2666 Hard drive SSD capacity, GB:256 Interface: Graphics chipset: integrated Intel UHD Graphics Built-in optical drive: DVD-RW Sound controller:		

		<p>integrated (Realtek ALC3247)</p> <p>External ports: 2xUSB 2.0, 2xUSB 3.1, HDMI, combined headphone and microphone jack</p> <p>Card reader: SD</p> <p>Wi-Fi 802.11ac, Bluetooth 4.2</p> <p>Diagonal: 21.5</p> <p>Resolution: 1920x1080</p> <p>Matrix type: IPS</p> <p>Additionally: built-in microphone and speakers, 5 MP webcam</p>		
2	<p>Lenovo V530-22ICB AIO</p> <p>21.5" or equivalent,</p> <p>+ additionally Windows 10 Pro</p> <p>64-bit OEM Accessories: mouse, keyboard</p>	<p>Type: AIO</p> <p>Diagonal: 21.5 "</p> <p>Resolution:1920x1080</p> <p>Screen: antiglare</p> <p>CPU: Intel Core i5-9400T</p> <p>RAM capacity: 8 GB</p> <p>Memory type: DDR4</p> <p>Storage</p> <p>Drive type: SSD</p> <p>SSD capacity: 256GB</p> <p>Graphics adapter series: Intel UHD Graphics 630Built-in microphone</p> <p>Built-in Webcam</p> <p>Data Transfer:</p> <p>4 in 1 Card reader</p> <p>Connectors:</p> <p>LAN /10/100/1000 GigabitEthernet</p> <p>Wi-Fi /ac</p> <p>Connectors: USB 2.0 3</p> <p>USB 3.0 3</p>		

		HDMI 2		
3	Laptop HP 15s-fq1083ur Silver (22R35EA) or equivalent, + additionally Windows 10 Pro 64-bit OEM	Screen: 15,6" Resolution: 1920 x 1080 Display type: IPS Display surface: mat Keyboard language: English, Russian CPU: Intel Core i3-1005G1 Number of cores: 2 CPU speed: 1.2-3.4 GHz RAM DDR4 2666 MHz 8 GB SSD 512 GB Intel UHD Graphics : dynamic Interfaces: USB 3.0 2 x Type-A USB 3.1 1 x Type-C HDMI 1 pc Headphone jack: 3.5mm Cardslot: SD/SDHC/SDXC Built-in webcam Built-in microphone Bluetooth Wi-Fi 802.11ac		
4	extension cord with overload protection (5 outlets/4.5 m)	Number of outlets: 5 Max. load current: 10 A Surge protection Max. peak current: 4500 A Max. surge voltage: 4500 V Circuit breaker: 10A Max. absorbing energy (for 2 μ s voltage surge): 125 J Cable length: 4.5 m (copper)		

5	Uninterruptible power supply unit(UPS): Eaton 5E 650VA USB DIN or equivalent	Characteristics: linear interactive Battery switch-on time: 2 ms Input voltage range: 170-280 V Input frequency: 50-60 Hz Output voltage: 230 V Max. output power: 650 VA Effective output: 360 W Outlets + 3 pcs: CEE 7/IEC-320-C13 Short circuit protection Overload protection Filtering Data line protection High voltage impulse protection USB control interfaces		
6	Office 2019 (T5D-03369) (Software) To be installed on 15 AIOs (p. 1) and a laptop (p. 4)	Microsoft Office Home and Business 2019 Box version. (T5D-03369) Capacity: 64-bit / Office version: Office for home and business / Interface language: Ukrainian / Software suite: Word, Excel, PowerPoint, OneNote, Outlook / License: fixed / Can be installed on: 1 PC		
7	Dell EMC R340 Server[210-R340-4LFF2246] or equivalent	Form factor: Rack Servers Chip manufacturer: Intel CPUmodel:E-2246G Clock speed: 3.6 GHz Number of cores: 6 Cache capacity: 12 MB RAM type: DDR4 RAM capacity: 16 GB Availability: no 3.5"(LFF) /up to 4 Hot Plug Hard Drives RAID controller: H330 Power Supply: /Dual Hot Plug		
8	Hard drive	Type: internal Purpose: for server Capacity: 4000 GB		

		<p>Form factor: 3.5"</p> <p>Connection:</p> <p>Connection interfaces: SATA 3 /6 GB/s</p> <p>Functions/options: RoHS Compliance Certificate</p> <p>Specifications:</p> <p>Spindle speed: 7200 rpm</p> <p>Buffer capacity :256 MB</p> <p>Power consumption during operation: 7 W</p> <p>Standby power consumption: 5.9 W</p> <p>MTBF: 2000000 hours</p>		
9	Windows Server 2016 Standard 64-bit 16 Core (to be installed on the server)	<p>Type: server OS</p> <p>Number of bits: 64-bit</p> <p>License term: unlimited</p> <p>Storage medium: DVD</p> <p>Interface language: Russian</p> <p>License for 1 physical or virtual server</p>		
10	Software to connect the remote desktop to the server (WinSvrCAL 2019 SNGL OLP NL DvcCAL + WinRmtDsktpSrvcsCAL 2019 SNGL OLP NL DvcCAL)(to be installed on the server)			
11	Microsoft Office Home and Business 2019 Ukrainian Medialess (to be installed on the server)	<p>Microsoft Office Home and Business 2019 Box version. (T5D-03369)</p> <p>Capacity: 64-bit / Office version: Office for home and business /</p> <p>Interface language: Ukrainian / Software suite: Word, Excel, PowerPoint, OneNote, Outlook / License: fixed / Can be installed on: 1 PC</p>		
12	Uninterruptible power supply unit(UPS):Eaton 5P 1150VA RM or equivalent	<p>Device type: linear interactive</p> <p>Rack mount type</p> <p>Operating time at full load: 4 min</p> <p>Operating time at half load: 11 min</p> <p>Input voltage range: 150–294 V</p> <p>Input frequency:50–60 Hz</p> <p>Output voltage:230 V</p>		

		<p>Max. output power: 1150 VA Effective output: 770 W Outlets + 6 pcs: IEC 320 C13, 2 groups Optional: Interface: USB RS232 Relay contacts 1 slot for an optional network/modbus/relay card 1 terminal block USB cable included IEC output cable: 2 pcs RS-232cable</p> <p>Cable locking systems: 6 outputs Disk with documentation and software 19" rack mount kit</p>		
13	<p>Multifunction unit (MFU) Canon i-SENSYS MF443dw or analogue + 1 extra cartridge</p>	<p>Printing type: laser Sheet size: A4 Print color: monochrome Functionality: Max. print resolution: 1200x1200 dpi B&W printing speed: 38 ppm Black cartridge life: 3100 A4 sheets (ISO / IEC 24711) Automatic printing on both sides: yes Interface: USB 2.0 Network interfaces: Wi-Fi 802.11 n AirPrint: yes</p>		
14	<p>Multifunction unit (MFU): CANON i-SENSYS MF237W + Canon 737 cartridge(2 pcs) or equivalent</p>	<p>Printing type: laser Print color: monochrome Max. print size: A4 Max. printresolution:1200 × 1200 dpiB&WA4 printing speed(ISO): 23 ppm Max. scanning resolution: 600 × 600 dpi Advanced printing: AppleAirPrint, GoogleCloudPrint, Mopria (Android), Wi-Fi Direct</p>		

		Display: 6-line touchscreen, monochrome Interfaces: Fast Ethernet, USB 2.0, Wi-Fi Automatic Document Feeder (ADF): 35 sheets		
15	MFP Canon image RUNNER 2206– - Monochrome (B&W)A3 or equivalent	Device type: MFP MFP functions: Copier, printer, scanner Paper size: A4 Printing type: laser Interfaces Wi-Fi Scanning resolution: 600 x 600 dpi Max. print size:A3 Printing resolution: 600 x 600 dpi Color: - Monochrome (B&W) Copy/A4 print speed: up to 22 ppm		
16	Canon i-SENSYS MF3010 + extra cartridge or equivalent	Paper size: A4 Printing type: laser Color: monochrome LCD display Built-in memory: 64 MB B&Wprintingspeed:18 ppm Max. resolution: 600x600 6000x1200 Copy resolution: 600x600dpi Scanner type: flatbed Scanner resolution: 600x600 dpi Color depth: 24 Wired interfaces: USB 2.0		
17	Antivirus (installed on computer equipment)	ESET Endpoint Security software for 2 years (5 devices)		

Table 1.2 Conformity to the Specification – LOT 2

№	Name of equipment	Technical characteristics	Conformity (Yes/No)	Offered Brand, Model and Exact characteristics (Technical characteristics should not be less / worse than those listed in the assignment)
1	AC power supply ACK-E10 for Canon EOS 1100D 1200D 1300D 2000D 4000D or analog	input current: from 100 to 240 V of alternating current, 50/60 Hz; output current: 7.4 V, 2 A; cable from the adapter to the plug length: 1.45 m; cable from the camera to the adapter length: 1.15 m; connection to the tip: round plug, diameter - 0.3 cm; camera connection: Canon LP-E10 battery-shaped tip;		
2	Flash holder Falcon LH-27SU (003) or analog	Holder for the Falcon cartridge flash under the E27 cartridge, with mounting on the studio rack. The mechanism of rotation in the vertical and horizontal planes. Built-in mount for photo umbrellas. The holder is equipped with a power button on the rear wall to turn on / off the flash or lamp.		
3	Fastening to a rack of Falcon CL-C35) or analog	Universal clip-clothespin Falcon CL-C35 is used for fastening or holding accessories.		
4	Rack for studios	Maximum height: 2000mm Minimum height: 810mm Folding height: 805mm Maximum load: 2.5 kg		
5	Flash light to Glodox Sy8000 camera or analog	Bayonet Universal (SS) Power (J) 68 Cartridge flash type E27 Wired number 35 Recharge time 1-2 Pulse duration 1 / 400-1 / 1000 Power adjustment 1 / 1-1 / 8 (smooth) Color temperature 5500K (+/- 200K) Synchronization of the light synchronizer (light trap), synchro cable, the "Test" button Power 220-240B / 50Hz		
6	Flash light Yongnuo YN-600EX-RT II (Canon) or analog (must be compatible with CANON EOS 2000D 18-55 IS II)	Specifications: Leading number: GN60 (ISO 100, 200 mm) Power levels: 1/128 - 1/1 in 1 / 3EV steps		

		<p>Zoom: 20 - 200 mm (14 mm with wide-angle diffuser)</p> <p>High Speed Sync (HSS) mode: Yes, up to 1/8000 sec</p> <p>Pulse modes: TTL (E-TTL), M, Multi</p> <p>Synchronization modes: Chamber TTL, Radio TTL Master (RT), Radio TTL Slave (RT), Optical TTL Master, Sc, Sn, S1, S2</p> <p>Flash frequency in stroboscopic mode: 1 - 100 Hz</p> <p>Number of channels in wireless mode: 16 radio / 4 optical</p> <p>Number of groups in wireless mode: 5 radio / 3 optical</p> <p>Wireless radio range: 100 meters</p> <p>Wireless optical range: 20 - 25 meters indoors, 10 - 15 meters outdoors</p> <p>Color temperature: 5600K</p> <p>Power supply: 4 alkaline batteries or NiMh AA batteries</p> <p>Support for external battery packs: Yes</p> <p>USB port for firmware update: Yes</p> <p>Recharge time: 2 sec</p> <p>Head rotation angle: -180 +180 degrees</p> <p>Head angle: 7 degrees down and up to 90 degrees up</p> <p>Complete set:</p> <p>Yongnuo YN600EX-RT II flash for Canon - 1 pc.</p> <p>protective cover for storing the flash - 1 pc.</p> <p>Flash stand for installation on surfaces - 1 pc.</p> <p>User manual - 1 pc.</p>		
7	Camera tripod	<p>tripod for camera</p> <p>Material: aluminum;</p> <p>Number of sections: 5;</p> <p>Fixation between sections: clip;</p> <p>Minimum working height: 44.5 cm;</p> <p>Maximum working height: 165 cm;</p> <p>Length when folded: 45.3 cm;</p> <p>Head: 3-way pan / tilt;</p> <p>Quick-release platform: yes;</p> <p>Threaded connections: 1/4;</p> <p>Panning range: 360 °;</p> <p>Forward tilt range: -30 ° / + 90 °;</p> <p>Lateral inclination: -30 ° / + 90 °;</p>		

		Maximum load: 3 kg;		
8	Tripod for flash	Maximum height: 62 cm Minimum height: 41 cm Height when folded: 58 cm Maximum diameter of a pipe: 2.2 cm		
9	Portrait background with Falcon holder or analog	Rack height: 200 cm Background size: minimum 90x140 cm Color: gray / white Background material: fabric Rack material: aluminum		
10	USB cable (AM / AF) extension cord	Type Connectors: USB plug AM - USB AF plug Length 1.8 m		
11	Wacom STU-540 signature tablet	Dimensions of the work surface 108 x 65 mm Feature Kensington lock, AES256 / RSA2048 encryption resolution 2540 lpi (lines per inch) Number of pen pressure levels 1024 The Wacom pen can be attached with a cord to the tablet		
12	CANON EOS 2000D 18-55 IS II SLR Camera	The type of camera is SLR Support for interchangeable lenses Canon EF / EF-S Built-in flash Yes The number of effective megapixels 24 CMOS matrix technology Image stabilization Maximum photo size in pixels 6000 x 4000 Minimum sensitivity of ISO-100 Maximum ISO sensitivity - 6400 Lens		

		<p>Optical magnification 3x The minimum shooting distance is 0.25 m Video recording Full HD (1920x1080)</p> <p>Display Display diagonal 3.0 "</p> <p>Memory card slot SD SDHC SDXC</p> <p>Interfaces HDMI USB Wireless connections Wi-Fi NFC</p> <p>Ability to connect an external flash yes External microphone connection yes Autonomy Battery Own Li-ion battery</p>		
13	Mains power supply filter 5,0m 3 * 1mm ² 6 sockets	<p>Number of sockets 6 Maximum load current 10 A Cable length 5 m Voltage: 220 V, 50 Hz. Maximum load: 2200 watts Automatic fuse, max.: 10 A Cable cross section: 3x1.0 mm Connection type Euro plug Switch - yes</p>		

14	Cable DVI to DVI 24 + 1pin, 1,8 m	Interface: DVI Connector types: 2 x DVI 24 + 1 pin Two ferrite rings Outer diameter of the cable: 7 mm Shielding: 16 x 10		
15	Cable VGA to VGA 1,8m	Connectors: VGA plug - VGA plug 2 ferrite rings		
16	USB 2.0 AM to Mini 5P 1.5m Power Plant Cable (KD00AS1244) or analog	Model USB 2.0 AM to Mini 5P 1.5m Article KD00AS1244 Type Login USB 2.0 Type Output mini USB		
17	USB 2.0AM / AF 3.0m Cablex pert cable (CCF-USB2-AMAF-TR-10) or analog	Connector 1 USB 2.0 Connector 2 USB 2.0 Type-B Female		
18	USB Defender Septima Slim 7-port USB2.0 hub active (aluminum case) or analog	Number of ports: 7 Connection interface: USB 2.0 Power Supply		
19	LCD Monitor 21.5	Type: LCD monitor Screen diagonal, inches: 21.5 LCD matrix type: IPS Image format: 16: 9 Resolution, dots: 1920x1080 Viewing angle, horizontal / vertical: 178/178 Type of lighting system: LED Screen coating: matte		
20	Multifunctional device A4 b / w Xerox WC 3025BI (wi-fi) or analog	Laser printing technology Print -Black and white Max. print resolution		

		1200x1200 dpi Max. scan resolution 1200x1200 dpi		
21	Computer i3/16G/ 1THDD + 240G SSD / ATX 400W / + Windows 10 Professional / Capacity: 64-bit / Program language: Ukrainian License type: OEM version (for assemblers) Purpose: For home and business Can be installed on: 1 PC + Microsoft Office 2019 [Ukrainian] / Capacity: 64-bit / Office version: Office for home and business / Interface language: Ukrainian / Mac (FPP - boxed version, Ukrainian language) (T5D-03369)	Specifications: Intel Core i3-10100 (3.6 - 4.3 ГГц) / RAM 16 ГБ / SSD 240 ГБ_1TB HDD / Intel UHD Graphics Drive type: SSD MLC SSD capacity: 240 GB Drive type: HDD HDD capacity: 1 TB / 7200 Wired network (LAN) 10/100/1000 Mbit / s Expansion slots: 1x PCIe 3.0 / 2.0 x16, 1x PCIe 2.0 x1		
22	Uninterruptible power supply	Number of sockets not less 4 Output power 1000 watts The range of input voltage during operation from the network from 145 to 290 V Operating time in case of full load 20 min The type of battery used is classic Architecture type Linear-interactive The shape of the output voltage Approximate sinusoid		
23	Cable USB2.0 AM / BM 1.8 Cablexpert (CCF-USB2-AMBM-6) 1.8m with ferrite or analog	Type USB type A - USB type B Length 1.8 m		
24	Set (keyboard, mouse) Gemius SlimStar c130USB Ukr 31330208112 or analog	Leading type USB connection interface keyboard format - full size		

		cord length 1.5 m The type of mouse sensor is optical number of buttons 3 Number of scroll wheels 1 Additional features symmetrical (suitable for left-handers)		
25	HDMI to VGA Cablexpert adapter (A-HDMI-VGA-03-6) or analog	1 HDMI connector 2 VGA connector + mini-jack (3.5 mm connector) Cable length 1.8 m		

Table 1.3 Conformity to the Specification – LOT 3

No	Name of equipment	Technical characteristics	Conformity (Yes/No)	Offered Brand, Model and Exact characteristics (Technical characteristics should not be less / worse than those listed in the assignment)
1	server	Intel Dell PowerEdge T40 v14 or analog Intel Xeon (8 cores 3.7 GHz), Intel C246 chipset, 64 GB RAM (DDR4-2666 MHz 4 slots, 128 GB max), HDD: 2 x 2 TB SSD: 2 x 500 GB Samsung. 1 pc. Xeon (8 ядер 3.7 ГГц), чипсет Intel C246, оперативна пам'ять 64 ГБ (DDR4-2666 МГц 4 слоти, 128 ГБ макс.), жорсткий диск HDD: 2 x 2 ТБ SSD: 2 x 500 ГБ Samsung.		
2	Video card	MSI GeForce GT1030 2048Mb AERO or analog 2 GB of memory. Memory frequency 2100 MHz. DDR4 memory type. Connectors - DVI, HDMI.		
3	Monitor	Asus VP229HE or analog 21.5 "display diagonal, maximum display resolution 1920 x 1080, matrix response time 5 ms, display brightness 250 cd / m ² , IPS matrix type, 1000: 1 display brightness		

4	Keyboard	Logitech K280e USB or analog Moisture-proof case. Built-in wrist rest. Dimensions: 459 x 20.4 x 182.6 mm. Cable length: 1.8 m. Weight: 930 g		
5	Mouse	A4Tech X89 USB Maze or analog Sensor: PixArt PAW3212. Resolution: 1000/1200/1600/2000/2400 DPI. Image processing: 1.29 MP / sec. Frame processing frequency: 4000 frames / sec. Poll frequency: 125 ~ 1000 Hz / sec. Acceleration: 10 g. Response time: 1 ms. Optical switches: over 10 million clicks		
6	Uninterruptible power supply	Powercom RPT-1500AP Schuko or analog Sockets - 4 pcs. Output power 1500 VA / 900 W.		
7	Cable	PowerPlant HDMI - HDMI 3 m or analog Version - 1.4, 3D, 4K x 2K Cable color - black Connector - plug - plug Diameter, mm - 6.0 mm Additional function - with filters		
8	Webcam	2E Cam 2560x1440 WQHD or analog Video resolution 2560x1440 CMOS sensor With a microphone Focusing - autofocus fastening on a tripod		

		USB power supply Frame rate per second 30 additional features Sensor: CMOS sensor / GC2053 1 / 2.9 Noise-canceling microphone Wide viewing angle privacy curtain Cable length 1.5 m		
9	TV	XiaomiMi TV UHD 4S 50 or analog TV type LED, Screen diagonal 50 " Screen resolution 4K Ultra HD (3840x2160) Quad core processor, RAM-2 GB, Permanent memory-8 GB, Wi-Fi, Dimensions with stand (HxWxD) 709, 7 x 1,117, 8 x 250.9 mm,		
10	TV	XiaomiMi TV UHD 4S 43 або аналог LED TV type, Screen diagonal 43 " Extension 3840x2160 Android smart platform Digital tuner ranges DVB-C DVB-T2 Panel scan frequency 60 Hz		
11	TV mount	2E T449 (UKR2ET449) or analog Type wall mount The minimum diagonal of the TV32 " Maximum diagonal of the TV		

		65 " Maximum weight -50 kg The design - an inclined / rotary VESA 200x200 200x300 200x400 300x200 300x300 400x200 400x300 400x400 Length 12 - 47.5 cm		
12	Color printer	MFP EPSON WORKFORCE PRO WF-3720DWF with BSBPCH and INKSYSTEM ink or analog MAIN CHARACTERISTICS A4 print format Number of colors 4 Connection type USB 2.0, Ethernet, Wi-Fi, NFC Manufacturer Epson MFP device (printer / scanner / copier / fax) Printing without a PC is available Inkjet printing technology the copier is the scanner is There is a fax Scope Office properties of the PRINTER Print resolution 4800x2400 dpi B / W print speed 20 ppm Color printing speed 10 pages / min Borderless printing is available Double-sided printing is available		

		<p>Copy resolution 600x600 dpi</p> <p>Copy speed 19 ppm color, 10 ppm b / w</p> <p>Optical scanner resolution 1200x2400 dpi</p> <p>The type of scanner is tablet</p> <p>Contact sensor type (CIS)</p> <p>Additional scanner features send to e-mail and cloud properties of FAX</p> <p>The presence of a color fax</p> <p>Data transfer rate 33.6 kbit / s</p> <p>Additional features fax memory for 100 numbers, memory for 180 pages, delayed fax transmission</p> <p>Tray volume 250</p> <p>Media format A4, A5, A6, B5, C6, DL, No. 10, Letter, Legal, Executive, 10x15, 13x18</p> <p>Media density, minimum 64 g / m2</p> <p>Carrier density, maximum 200 g / m2</p> <p>Wired connection USB 2.0, Ethernet</p> <p>Wireless Wi-Fi, NFC</p> <p>Types of wireless AirPrint connection</p> <p>There is no chipless firmware</p> <p>LCD touch screen, 2.7 inches</p> <p>The language of the display is English</p> <p>Russian language drivers</p> <p>Operating systems Windows, Mac OS</p>		
13	MFU	<p>Canon i-SENSYS MF443dw + 1 additional cartridge or analog</p> <p>Printing type: Laser</p> <p>Sheet size: A4</p> <p>Print color: Monochrome</p> <p>Functionality</p> <p>Maximum print resolution: 1200x1200 dpi</p> <p>B&W printing speed: 38 sheets / min</p> <p>Black cartridge life: 3100 A4 sheets (ISO / IEC 24711)</p> <p>Automatic printing on both sides: Yes</p> <p>Interfaces: USB 2.0</p>		

		<p>Network interfaces: WiFi 802.11n</p> <p>AirPrint: Yes</p> <p>Additional features</p> <p>Built-in LCD screen: Yes</p> <p>Maximum recommended print volume per month: 4000</p> <p>Paper density range: 60-163g / m2</p>		
14	Projector	<p>Acer X1127i or analog</p> <p>Lamp and image</p> <p>UHP lamp type</p> <p>Service life 6000 hours</p> <p>Service life (economy) 10000 h</p> <p>Lamp power 220 watts</p> <p>The brightness of ANSI-lumen is 4000 lm</p> <p>Dynamic contrast 20,000: 1</p> <p>Color transfer 1 billion colors</p> <p>Line scan frequency 15 - 100 kHz</p> <p>Frame scan frequency 24 - 120 Hz</p> <p>matrix</p> <p>DLP technology</p> <p>Real resolution 800x600 pixels</p> <p>Maximum resolution 1920x1200 pixels</p> <p>Support for 4: 3, 16: 9 image formats</p> <p>Designing</p> <p>reverse projection</p> <p>Projection distance, min 1 m</p> <p>Projection distance, max 11.8 m</p> <p>The diagonal of the image is 0.58 - 7.62 m</p> <p>Projection ratio 1.94: 1 - 2.16: 1</p> <p>Optical magnification 1.1 x</p> <p>Digital magnification 2 x</p> <p>Zoom and focus manually</p> <p>Trapezoid correction (vert), $\pm 40^\circ$</p> <p>Features and capabilities</p>		

		Features 3D support Wi-Fi Wi-Fi ready (optional) hardware part USB 2.0 1 pc Number of speakers 1 pc Sound power 3 watts VGA video connectors / 1 input, 1 output / composite HDMI inputs 1 pc HDMI version v 1.4 3.5mm audio input jack (mini-Jack) Service connectors COM port (RS-232)		
15	Wall mounting screen	Elite Screens M139NWX or analog Diagonal 138 "inches Aspect ratio 16:10 The dimensions of the projection surface are 297.9x186.2 cm Type of installation Wall / Ceiling Control type Manual Features Canvas MaxWhite 1.1 Gain Matte Optional Viewing angle of 160 degrees		
16	Projector bracket	CHARMOUNT PRB43-65 Black or analog Main characteristics Ceiling type Maximum load 20 kg angle of inclination 15 angle of rotation 15		
17	Laptop	Asus K413EA-EB554 or similar Display diagonal 14 " Expansion 1920x1080 (FullHD) screen surface anti-reflective coating matrix type IPS processor		

		<p>Intel processor generation</p> <p>11th generation</p> <p>processor</p> <p>Intel Core i5 1135G7 (3.1 - 4.2 GHz)</p> <p>Number of processor cores 4</p> <p>DDR4 RAM type</p> <p>The amount of RAM is 8 GB</p> <p>SSD256 GB capacity</p> <p>card reader Card-reader</p> <p>Intel Iris Xe Graphics graphics card</p> <p>Webcam WEB-Camera</p> <p>Additional features</p> <p>built-in microphone, stereo speakers</p> <p>communication capabilities</p> <p>wireless technology</p> <p>Bluetooth, Wi-Fi</p> <p>Interfaces and connections</p> <p>3 x USB 2.0, USB 3.2 Type-C, HDMI, Combined audio jack</p> <p>Software</p> <p>Operating System</p> <p>without operating system</p> <p>Specifics</p> <p>keyboard backlight, TPM module</p>		
18	Router	<p>TP-LINK TL-WR840N or analog</p> <p>Wi-Fi router</p> <p>Additional operating modes</p> <p>Bridge (WDS)</p> <p>Wi-Fi standard 802.11 n; g; b</p> <p>number of channels 1</p> <p>Maximum data rate</p> <p>n (300 Mbps)</p> <p>operating frequency 2.4 GHz</p> <p>WAN port 1 x 10/100 RJ-45</p>		

		<p>Number of LAN ports (RJ-45) - 4</p> <p>The external antenna is non-removable</p> <p>number of antennas 2</p> <p>Gain 5 dBi</p> <p>Transmitter power at 2.4 GHz</p> <p>20 dBm</p> <p>Additional features</p> <p>IPTV support; Dynamic DNS (DDNS); VPN support; traffic prioritization (QoS); DHCP server</p> <p>Access control</p> <p>domain filter (URL); package verification (SPI); demilitarized zone (DMZ); protection against DoS attacks; MAC address filtering; guest network; IP address filtering; parental control encryption</p> <p>WPS; WPA2-PSK; WPA-PSK; WPA2; WPA; 152-bit WEP; 128-bit WEP; 64-bit WEP</p>		
19	Network filter	<p>Defender DF5 153 - 5 m or similar</p> <p>Black</p> <p>number of sockets</p> <p>6</p> <p>Maximum load current</p> <p>10 A</p> <p>Producing country</p> <p>China</p> <p>Surge protection</p> <p>An automatic fireproof fuse is built into the switch</p> <p>Protected circuits: phase-zero</p> <p>Overload and short circuit protection</p> <p>Protection against impulse interference</p> <p>Cable length</p> <p>5 m</p> <p>additional features</p>		

		<p>The maximum total power of loading is 2200 W.</p> <p>Maximum dissipated energy: 125 J.</p> <p>Sockets with grounding: 6 pcs</p> <p>Dimensions without packaging: 4.12 x 32.5 x 5.3 cm</p> <p>Individual package size: 4.8 x 36.5 x 11 cm</p> <p>Weight of individual packing: 0.63 kg</p> <p>network indicator</p> <p>Wall mounting</p> <p>Housing made of non-combustible plastic</p> <p>Conductors made of pure copper</p> <p>Type</p> <p>Network filters</p> <p>Filter connection type</p> <p>Euro plugs with grounding (Type F)</p> <p>electrical protection</p> <p>From a short circuit</p> <p>from overloads</p> <p>switch - yes</p>		
20	Windows 10 operating system Must be installed on laptops and server	Windows 10 Professional / Capacity: 64-bit / Program language: English / License type: OEM version (for assemblers) / Purpose: For home and business / Can be installed on: 1 PC		
21	Microsoft Office 2019 Must be installed on laptops and server	Microsoft Office 2019 [Ukrainian Medialess] / Capacity: 64-bit / Office version: Office for home and business / Interface language: Ukrainian / software package: Word, Excel, PowerPoint, OneNote, Outlook / License type: Permanent / Can be installed on : 1 PC		

Table 1.4 Conformity to the Specification – LOT 4

No	Name of equipment	Technical characteristics	Conformity (Yes/No)	Offered Brand, Model and Exact characteristics (Technical
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				characteristics should not be less / worse than those listed in the assignment)
1	Monoblock HP 200 G4 22" (2B429EA) or equivalent Windows 10 Pro 64-bit Accessories: mouse, keyboard	<p>Type: Monoblock</p> <p>Chipset: SoC</p> <p>Processor type: Intel Core i3-10110U</p> <p>Frequency, GHz:2.1</p> <p>Number of cores: 2</p> <p>Amount of RAM, GB: 8</p> <p>Standard: DDR4-2666</p> <p>Hard drive</p> <p>SSD capacity, GB:256</p> <p>Interface: Graphics chipset: integrated Intel UHD Graphics</p> <p>Built-in optical drive: DVD-RW</p> <p>Sound controller: integrated (Realtek ALC3247)</p> <p>External ports: 2xUSB 2.0, 2xUSB 3.1, HDMI, combined headphone and microphone jack</p> <p>Card reader: SD</p> <p>Wi-Fi 802.11ac, Bluetooth 4.2</p> <p>Diagonal: 21.5</p> <p>Resolution: 1920x1080</p> <p>Matrix type: IPS</p> <p>Additionally: built-in microphone and speakers, 5 MP webcam</p>		

2	extension cord with overload protection (5 outlets/4.5 m)	Number of outlets: 5 Max. load current: 10 A Surge protection Max. peak current: 4500 A Max. surge voltage: 4500 V Circuit breaker: 10A Max. absorbing energy (for 2 μ s voltage surge): 125 J Cable length: 4.5 m (copper)		
3	Uninterruptible power supply unit(UPS): Eaton 5E 650VA USB DIN or equivalent	Characteristics: linear interactive Battery switch-on time: 2 ms Input voltage range: 170-280 V Input frequency: 50-60 Hz Output voltage: 230 V Max. output power: 650 VA Effective output: 360 W Outlets + 3 pcs: CEE 7/IEC-320-C13 Short circuit protection Overload protection Filtering Data line protection High voltage impulse protection USB control interfaces		
4	Office 2019 (T5D-03369) (Software) To be installed on 30 AIOs (p. 1)	Microsoft Office Home and Business 2019 Box version. (T5D-03369) Capacity: 64-bit / Office version: Office for home and business / Interface language: Ukrainian / Software suite: Word, Excel, PowerPoint, OneNote, Outlook / License: fixed / Can be installed on: 1 PC		
5	Multifunction unit (MFU) Canon i-SENSYS MF443dw or analogue + 1 extra cartridge	Printing type: laser Sheet size: A4 Print color: monochrome Functionality: Max. print resolution: 1200x1200 dpi B&W printing speed: 38 ppm Black cartridge life: 3100 A4 sheets (ISO / IEC 24711)		

		Automatic printing on both sides: yes Interface: USB 2.0 Network interfaces: Wi-Fi 802.11 n AirPrint: yes		
6	Canon i-SENSYS MF3010 + extra cartridge or equivalent	Paper size: A4 Printing type: laser Color: monochrome LCD display Built-in memory: 64 MB B&Wprintingspeed:18 ppm Max. resolution: 600x600 6000x1200 Copy resolution: 600x600dpi Scanner type: flatbed Scanner resolution: 600x600 dpi Color depth: 24 Wired interfaces: USB 2.0		
7	Antivirus (installed on computer equipment)	ESET Endpoint Security software for 2 years		
8	HDCVI video surveillance kit Dahua CVI-2M-8COMBI-P-Lite or analog	The set consists of: Dahua Technology DH-HAC-HDW1200RP (2.8 mm) - 4 pieces Dahua Technology DH-HAC-HFW1220RP-S3 (2.8 mm) - 4 pieces Dahua Technology DH-XVR5108C-X - 1 piece Hard disk HDD Western Digital Purple 1TB 64MB WD10PURZ 3.5 SATA III - 1 pc.		
9	4-ports USB 3.0 hub	Laptop and PC compatibility data transfer rate up to 5 Gbps. Overcurrent protection to protect both connected devices and the hub itself from unforeseen surges. USB 3.0 device, compatible with USB 1.1 and USB 2.0 devices. Supports hot swapping. -Length on the cable: 30 cm		

		Windows 2000 / XP / Vista / Windows 7 / Windows 8 / Windows 10 1 input and 4 output ports		
10	TV	XiaomiMi TV UHD 4S 43 or similar LED TV type, Screen diagonal 43 " Extension 3840x2160 Android smart platform Digital tuner ranges DVB-C DVB-T2 Panel scan frequency 60 Hz		
11	TV mount	2E T449 (UKR2ET449) or analog Type wall mount The minimum diagonal of the TV32 " Maximum diagonal of the TV 65 " Maximum weight -50 kg The design - an inclined / rotary VESA 200x200 200x300 200x400 300x200 300x300 400x200 400x300 400x400 Length 12 - 47.5 cm		
12	Router	TP-LINK TL-WR840N or analog Wi-Fi router Additional operating modes Bridge (WDS)		

		<p>Wi-Fi standard 802.11 n; g; b</p> <p>number of channels 1</p> <p>Maximum data rate n (300 Mbps)</p> <p>operating frequency 2.4 GHz</p> <p>WAN port 1 x 10/100 RJ-45</p> <p>Number of LAN ports (RJ-45) - 4</p> <p>The external antenna is non-removable</p> <p>number of antennas 2</p> <p>Gain 5 dBi</p> <p>Transmitter power at 2.4 GHz 20 dBm</p> <p>Additional features</p> <p>IPTV support; Dynamic DNS (DDNS); VPN support; traffic prioritization (QoS); DHCP server</p> <p>Access control</p> <p>domain filter (URL); package verification (SPI); demilitarized zone (DMZ); protection against DoS attacks; MAC address filtering; guest network; IP address filtering; parental control encryption</p> <p>WPS; WPA2-PSK; WPA-PSK; WPA2; WPA; 152-bit WEP; 128-bit WEP; 64-bit WEP</p>		
13	24-port switch	<p>Dahua DH-PFS3125-24ET-190 or analog</p> <p>Ethernet ports (Uplink): Combo 1x SFP (1000M) or 1x RJ45 (1000M)</p> <p>Ethernet ports (DownLink): 24x RJ45 (10 / 100M) PoE</p> <p>PoE power consumption: Ports 1, 2 ≤60W; 3 - 24 ≤30 W, total ≤ 190 W.</p> <p>PoE protocols: IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3af, IEEE802.3at, Hi-PoE</p> <p>Max. bandwidth: 6.8G</p>		

14	Cable Ktp Utp 4 pairs of 8 cores Ritar Cca for internal works 305 m	KTP UTP cable (4 * 2 * 0.5) 4 pairs Material - CCA (bimetal) Purpose - for interior work length 305 meters		
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Table 2.1 Financial offer for the supply of goods in accordance with the technical specification and requirements – LOT 1

No.	Product name and specification requirements	Number of units (pcs)	Price per unit, excl. VAT, currency	Total price, excl. VAT, currency
1	Monoblock PC with Windows 10 Pro 64-bit (Specify the model and characteristics)	15		
2	Monoblock PC with Windows 10 Pro 64-bit and mouse, keyboard (Specify the model and characteristics)	11		
3	Laptop with, Windows 10 Pro 64-bit (Specify the model and characteristics)	1		
4	extension cord with overload protection (5 outlets/4.5 m) (Specify the model and characteristics)	28		
5	Uninterruptible power supply unit (UPS): (Specify the model and characteristics)	26		
6	Office 2019(Software) To be installed on 15 AIOs (p. 1) and a laptop (p. 3)	16		
7	Server (Specify the model and characteristics)	1		
8	Hard Drive (Specify the model and characteristics)	2		
9	Windows Server 2016 Standard 64-bit 16 Core	1		
10	Software to connect the remote desktop to the server (WinSvrCAL 2019 SNGL OLP NL DvcCAL + WinRmtDsktpSrvcsCAL 2019 SNGL OLP NL DvcCAL)	10		
11	Microsoft Office Home and Business 2019 Ukrainian Medialess (for server)	1		
12	Uninterruptible power supply unit(UPS): (Specify the model and characteristics)	1		
13	Multifunctional unit(MFU) +1 extra cartridge (Specify the model and characteristics)	11		
14	Multifunctional unit(MFU): + cartridge (2 pcs) (Specify the model and characteristics)	9		
15	Multifunctional unit (Specify the model and characteristics)	1		
16	Multifunctional unit + extra cartridge (Specify the model and characteristics)	1		
17	Antivirus	6		
Delivery of equipment (if applicable)				

TOTAL, excl. VAT, currency	
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Table 2.2 Financial offer for the supply of goods in accordance with the technical specification and requirements – LOT 2

No	Description / specification of goods	Number	Price per unit without VAT (specify currency)	Total price per item without VAT (specify currency)
I. EQUIPMENT AND MATERIALS				
1	AC power supply ACK-E10 or analog (<i>Indicate model and characteristics</i>)	14		
2	Flash holder Falcon LH-27SU (003) or analog(<i>Indicate model and characteristics</i>)	14		
3	Fastening to a rack of Falcon CL-C35) or analog(<i>Indicate model and characteristics</i>)	14		
4	Rack for studios(<i>Indicate model and characteristics</i>)	14		
5	Flash to Glodiox Sy8000 camera or analog(<i>Indicate model and characteristics</i>)	14		
6	flash Yongnuo YN-600EX-RT II (Canon) or analog (must be compatible with CANON EOS 2000D 18-55 IS II) (<i>Indicate model and characteristics</i>)	14		
7	camera tripod (<i>Indicate model and characteristics</i>)	14		
8	Tripod for flash (<i>Indicate model and characteristics</i>)	14		
9	Portrait background with Falcon holder or analog(<i>Indicate model and characteristics</i>)	14		
10	USB cable (AM / AF) extension cord (<i>Indicate model and characteristics</i>)	14		
11	Wacom STU-540 signature tablet(<i>Indicate model and characteristics</i>)	14		
12	CANON EOS 2000D 18-55 IS II SLR Camera (<i>Indicate model and characteristics</i>)	14		
13	Mains power supply filter 5,0m 3 * 1mm2 (SP-1065) 6 sockets (<i>Indicate model and characteristics</i>)	14		
14	Cable DVI to DVI 24 + 1pin, 1,8 m <i>Indicate model and characteristics</i>)	14		
15	cable VGA to VGA 1,8m (<i>Indicate model and characteristics</i>)	14		
16	USB 2.0 AM to Mini 5P 1.5m Power Plant Cable (KD00AS1244) or analog(<i>Indicate model and characteristics</i>)	14		
17	USB 2.0AM / AF 3.0m Cablex pert cable (CCF-USB2-AMAF-TR-10) or analog(<i>Indicate model and characteristics</i>)	14		

18	USB Defender Septima Slim 7-port USB2.0 hub active (aluminum case) or analog(<i>Indicate model and characteristics</i>)	14		
19	LCD Monitor 21.5 (<i>Indicate model and characteristics</i>)	14		
20	Multifunctional device A4 b / w Xerox WC 3025BI (wi-fi) or analog(<i>Indicate model and characteristics</i>)	14		
21	Computer i3/16G/ 1THDD + 240G SSD / ATX 400W / (<i>Indicate model and characteristics</i>) + Windows 10 Professional / Capacity: 64-bit / + Microsoft Office 2019 [Ukrainian] / Capacity: 64-bit /	14		
22	Uninterruptible power supply (<i>Indicate model and characteristics</i>)	14		
23	Cable USB2.0 AM / BM 1.8 Cablexpert (CCF-USB2-AMBM-6) 1.8m with ferrite or analog(<i>Indicate model and characteristics</i>)	14		
24	Set (keyboard, mouse) Gemius SlimStar c130USB Ukr 31330208112 or analog(<i>Indicate model and characteristics</i>)	14		
25	HDMI to VGA Cablexpert adapter (A-HDMI-VGA-03-6) or analog(<i>Indicate model and characteristics</i>)	14		
I. Delivery of equipment (if applicable)		14		
II. Installation, installation of the hardware component on the Customer's object in ASCs according to p.2. Software settings		14		
Total price without VAT				

Table 2.3 Financial offer for the supply of goods in accordance with the technical specification and requirements – LOT 3

No	Description / specification of goods	Number	Price per unit without VAT (specify currency)	Total price per item without VAT (specify currency)
I. EQUIPMENT AND MATERIALS				
1	Server (<i>Indicate model and characteristics</i>)	1		
2	Video card (<i>Indicate specify model and characteristics</i>)	1		
3	Monitor (<i>Indicate model and characteristics</i>)	1		
4	Keyboard (<i>Indicate model and specifications</i>)	1		
5	Mouse (<i>Indicate model and characteristics</i>)	3		
6	Uninterruptible power supply (<i>Indicate model and characteristics</i>)	1		
7	Cable (<i>Indicate model and characteristics</i>)	6		
8	Webcam (<i>Indicate model and specifications</i>)	2		
9	TV (<i>Indicate model and specifications</i>)	1		
10	TV (<i>Indicate model and specifications</i>)	1		
11	TV mount (<i>Indicate model and specifications</i>)	2		

12	Color printer (Indicate model and specifications)	5		
13	Printer with optional cartridge (Indicate model and specifications)	3		
14	Projector (Indicate model and characteristics)	5		
15	Manual wall screen (Indicate model and characteristics)	5		
16	Projector bracket (Indicate model and specifications)	5		
17	Laptop (Indicate model and specifications)	8		
18	Router (Indicate model and characteristics)	6		
19	Network filter (Indicate model and characteristics)	5		
20	Windows 10 Professional / Capacity: 64-bit (Must be installed on laptops and server)	9		
21	Microsoft Office 2019 (Must be installed on laptops and server)	9		
Delivery and unloading of 1 set of equipment				
Total price without VAT				

Table 2.4 Financial offer for the supply of goods in accordance with the technical specification and requirements – LOT 4

No.	Product name and specification requirements	Number of units (pcs)	Price per unit, excl. VAT, currency	Total price, excl. VAT, currency
1	Monoblock PC with Windows 10 Pro 64-bit (Specify the model and characteristics)	30		
2	extension cord with overload protection (5 outlets/4.5 m) (Specify the model and characteristics)	30		
3	Uninterruptible power supply unit (UPS): (Specify the model and characteristics)	30		
4	Office 2019(Software) To be installed on 30 AIOs (p. 1)	30		
5	Multifunctional unit(MFU) +1 extra cartridge (Specify the model and characteristics)	5		
6	Multifunctional unit + extra cartridge (Specify the model and characteristics)	24		
7	Antivirus	For 30 Monoblock		
8	HDCVI CCTV Kit Dahua CVI-2M-8COMBI-P-Lite or similar <i>Specify model and specifications</i>	5		
9	4-port USB 3.0 hub <i>Specify the model and characteristics</i>	30		
10	TV <i>Specify model and specifications</i>	2		
11	TV mount <i>Specify the model and characteristics</i>	2		
12	Router <i>Specify the model and characteristics</i>	5		

13	24-port switch <i>Specify the model and characteristics</i>	1		
14	Cable Ktp Utp 4 bet 8 cores Ritar Cca for internal works 305m	1 box		
Delivery and unloading of equipment to addresses according to Annex 1.				
TOTAL, excl. VAT, currency				

Dear Partners!

The UN Office in Ukraine kindly informs you, that the purchase of goods and services, announced in the UN Office Tenders, is conducted within the framework of international technical assistance project.

Provisions of the Tax Code of Ukraine (paragraph 197.11) foresee the VAT tax exemption for operations, financed by material and technical assistance.

The procedure for obtaining the tax exemption right for operations, performed in the framework of international technical assistance projects, is regulated by the Decree #153 of the Cabinet of Ministers of Ukraine dated February 15, 2002.

In case you already have the right to apply this VAT allowance, on the date of UNDP prepayment receipt you should prepare and register a tax invoice (hereinafter - TI) in the United Register of Tax Invoices (URTI), filled in as follows:

- the column "Comprised on the operation, exempted from taxation" on the upper left part - with the mark "Without VAT";*
- Section A of the TI table section (lines I-X) should contain the summarizing data on TI transactions, namely: line I - the total amount to be paid, including VAT; line IX - the total volume of goods and services delivered. Lines II-VIII of section A are not filled;*
- in column 2 of section B – supplier's (seller's) services nomenclature;*
- in section 3.3 of section B - service code according to the SCPS. Box 3.3 should be filled in at all stages of the services delivery;*
- in columns 4 and 5 - unit of services measurement;*
- in column 6 - quantity (volume) of services delivery;*
- in column 7 - the price of the service unit supply, excluding VAT;*
- in column 8 - VAT rate code 903;*
- in column 9 – tax allowance code according to the Handbook of other tax benefits, approved by the SFS as of the date of TI submission - "14060523".*
- in column 10 - supply volume, excluding VAT (prepayment amount).*

Detailed instructions to be found in the materials "Tax invoice - 2017: instruction on filling out" and "New tax invoice in the samples."

Credit against VAT tax, applied on the materials purchase for the relevant construction works performance, cannot be compensated as per the paragraph #198.5 of Tax Code of Ukraine. According to the Tax Code paragraph #198.5, goods and services supply operations, exempted from VAT based on the Tax Code paragraph #197.11, the rules for calculating tax liabilities do not apply.

Using the materials bought with VAT, there is no need to compensate the credit against VAT, as well as no need to accrue tax liabilities.

Considering all mentioned above, you are kindly asked to submit your tender applications / invoices for payment without VAT, referring to the Ukrainian legislation provisions, stated in the mentioned regulatory acts.

Should you have any additional questions, please contact the offices of the State Fiscal Service of Ukraine at the place of your enterprise registration for additional clarifications of Article 52 of the Tax Code of Ukraine.

Table 3. Compliance with Requirements

	Your Responses		
	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter - offer
Minimum Technical Specifications as per Annex 1, Schedule of Requirements	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Term (INCOTERMS 2020) Delivery and unloading of equipment to addresses indicated in Annex 1: Schedule of Requirements in parts <ul style="list-style-type: none"> - Lot 1 Specifications - Lot 2 Specifications - Lot 3 Specifications - Lot 4 Specifications All computer equipment (Lot 1, Lot 2, Lot 3 and Lot 4) shall be brand new and it shall be delivered, placed, installed and commissioned at the locations specified above at no extra cost. UNDP is not bound to provide any mode of transport in respect of men or material required for the contract.	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Lead Time: delivery of the furniture shall be carried out within 60 (sixty) calendar days from PO/Contact signature date in compliance with the schedules of delivery pre-agreed with the customer.	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
The warranty period must be not less than 12 (twelve) months.	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
The supplier must provide a specification with all the necessary documents for the supplied furniture.	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Validity of Quotation (min. 60 days)	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.

Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
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I, the undersigned, certify that I am duly authorized to sign this quotation and bind the company below in event that the quotation is accepted.	
<i>Exact name and address of company</i> Company Name: Click or tap here to enter text. Address: Click or tap here to enter text. Click or tap here to enter text. Phone No.: Click or tap here to enter text. Email Address: Click or tap here to enter text.	Authorized Signature: Date: Click or tap here to enter text. Name: Click or tap here to enter text. Functional Title of Authorised Signatory: Click or tap here to enter text. Email Address: Click or tap here to enter text.